ADDITIONAL

Service Manual

PIONEER

AM/FM STEREO RECEIVER

SX-1080 HG, S, S/G, KC

MODEL SX-1080 COMES IN FIVE VERSIONS DISTINGUISHED AS FOLLOWS:

Type	Voltage	Remarks
KU	120V only	U.S.A. model
KC	120V only	Canada model
HG	220V and 240V (Switchable)	Europe or Oceania model
S	110V, 120V, 220V and 240V (Switchable)	General export model
S/G	110V, 120V, 220V and 240V (Switchable)	U.S. Military model

- This additional service manual is applicable to the SX-1080/HG, S, S/G, KC. Connections, set handling, circuitry, and adjustment are basically the same as SX-1080/KU.
- The parts which are different from the SX-1080/KU are coverd in this additional service manual. Please use this manual together with the SX-1080/KU service manual which is previously issued when ordering parts and repair.

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1. CONTRAST OF MISCELLANEOUS PARTS

NOTE:
- *Capacitors: in μF unless otherwise noted p:pF*
- *Resistors: in Ω, ¼W unless otherwise noted k:kΩ, M:MΩ*

ASSEMBLIES

Symbol	Description	Part No.				
		KU type	HG type	S type	S/G type	KC
	Flat amplifier assembly	GWG-112	GWG-115	GWG-115	GWG-115	GWG-112
	Terminal assembly (TAPE)	GWS-126	GWS-138	GWS-138	GWS-138	GWS-126
	Filter assembly	AWT-001	AWT-003	AWT-004	AWT-004	AWT-001
	Power amplifier assembly	AWH-071	AWH-076	AWH-071	AWH-071	AWH-076
	Power supply assembly	AWR-152	AWR-161	AWR-162	AWR-162	AWR-167
	Protection and surge killer assembly	AWM-120	AWM-125	AWM-120	AWM-120	AWM-120
	Power transistor connector assembly	AWX-125	AWX-130	AWX-125	AWX-125	AWX-125

TRANSFORMER

Symbol	Description	Part No.				
		KU type	HG type	S type	S/G type	KC
T4	Power transformer	ATT-448	ATT-465	ATT-476	ATT-477	ATT-461

SWITCHES

Symbol	Description	Part No.				
		KU type	HG type	S type	S/G type	KC
S22	Lever switch (POWER)	ASK-080	ASA-505	ASK-080	ASK-080	ASK-080
S25	Line voltage selector (2-position)	.....	AKX-037	.....	.....	.....
	Line voltage selector (4-position)	.....	.....	AKR-031	AKR-031	.....
S26	Slide switch (DE-EMPHASIS)	.....	.....	ASH-016	ASH-016	.....

RESISTORS

Symbol	Description	Part No.				
		KU type	HG type	S type	S/G type	KC
R1	Carbon film 2.2M ½W	RD½PS 225J	.....	.....	.....	RD½PS 225J
R2	Metal oxide 1.2k 2W	RS2P 122J	.....	.....	.....	RS2P 122J
R3	Metal oxide 1.2k 2W	RS2P 122J	.....	.....	.....	RS2P 122J

CAPACITORS

Symbol	Description	Part No. KU type	HG type	S type	S/G type	KC
C5	Ceramic 0.01 250V	ACG-001	ACG-001	ACG-001	ACG-001	.....
	Ceramic 0.01 125V	.....	.....	.....	.....	ACG-014
C6	Ceramic 0.01 250V	.....	.....	ACG-001	ACG-001	.....
	Ceramic 0.01 125V	ACG-003	.....	.....	.....	ACG-014

FUSES

Symbol	Description	Part No. KU type	HG type	S type	S/G type	KC
FU1	Fuse 10A	AEK-302	.....	.....	AEK-302	AEK-302
	Fuse T5A	.....	AEK-015	.....	.....	.....
	Fuse 5A	.....	.....	AEK-108	.....	.....
FU2	Fuse 1.5A	AEK-104	.....	AEK-104	AEK-104	AEK-104
	Fuse T1.6A	.....	AEK-405	.....	.....	.....
FU3	Fuse 1A	AEK-106	.....	AEK-106	AEK-106	AEK-106
	Fuse T1A	.....	AEK-402	.....	.....	.....
FU4	Fuse 1A	AEK-106	.....	AEK-106	AEK-106	AEK-106
	Fuse T1A	.....	AEK-402	.....	.....	.....
FU5	Fuse 1A	AEK-106	.....	AEK-106	AEK-106	AEK-106
	Fuse T1A	.....	AEK-402	.....	.....	.....
FU6	Fuse 1A	AEK-106	.....	AEK-106	AEK-106	AEK-106
	Fuse T1A	.....	AEK-402	.....	.....	.....

OTHERS

Symbol	Description	Part No. KU type	HG type	S type	S/G type	KC
	Bonnet	AMM-066	AMM-068	AMM-066	AMM-066	AMM-069
	Antenna terminal	AKA-002	AKA-005	AKA-002	AKA-002	AKA-002
	AC socket (OUTLET)	AKP-005	.....	AKP-022	AKP-022	AKP-005
	AC socket (INLET)	.....	AKP-008	.....	.....	.....
	AC power cord	ADG-013	.....	ADG-013	ADG-015	ADG-013
	Capacitor cover (large)	AEC-279	.....	.....	.....	.....
	Capacitor cover (small)	AEC-294	.....	.....	.....	.....
	Capacitor cover	.....	AEC-099	AEC-099	AEC-099	AEC-365
	Operating instructions (English)	ARB-239	ARB-245	ARB-246	ARB-246	ARB-239
	Operating instructions (German/French)	.....	ARD-113	.....	.....	.....

FURNISHED PARTS

Symbol	Description	Part No. KU type	HG type	S type	S/G type	KC
	Fuse 10A	.....	.....	AEK-302	AEK-302	.....
	Fuse 5A	.....	.....	AEK-108	AEK-108	.....

PACKING MATERIAL

Symbol	Description	Part No. KU type	HG type	S type	S/G type	KC
	Packing case	AHD-505	AHD-513	AHD-505	AHD-510	AHD-525
	Inner case	AHC-042	AHC-048	AHC-042	AHC-045	AHC-042
	Spacer	.....	.....	.....	AHB-089	.....

2. SX-1080/HG

2.1 MISCELLANEOUS PARTS LIST

NOTE:
- *Capacitors: in μF unless otherwise noted p:pF*
- *Resistors: in Ω, ¼W unless otherwise noted k:kΩ, M:MΩ*

SWITCHES

Symbol	Part No.	Description
S22	ASA-505	Lever switch (POWER)
S25	AKX-037	Plug in selector (LINE VOLTAGE SELECTOR)

TRANSFORMERS

Symbol	Part No.	Description
T1	T22-025	Balun transformer
T2	ATB-505	Bar antenna
T3	T24-030	Ferry inductor
T4	ATT-465	Power transformer

CAPACITORS

Symbol	Part No.	Description		
C1	CKDBC 104Z 25	Ceramic	0.1	25V
C2	CKDBC 104Z 25	Ceramic	0.1	25V
C3	CKDBC 104Z 25	Ceramic	0.1	25V
C4	CKDBC 104Z 25	Ceramic	0.1	25V
C5	ACG-001	Ceramic	0.01	250V
C7	ACH-085	Electrolytic	22000	71V
C8	ACH-085	Electrolytic	22000	71V
C9	CEA 010P 80	Electrolytic	1	80V

RESISTORS

Symbol	Part No.	Description		
R2	RS2P 122J	Metal oxide	1.2k	2W
R3	RS2P 122J	Metal oxide	1.2k	2W

SEMICONDUCTORS

Symbol	Part No.	Description
Q1	2SD737/A/-B or C	Transistor
Q2	2SD737/A/-B or C	Transistor
Q3	2SB701/A/-B or C	Transistor
Q4	2SB701/A/-B or C	Transistor
Q5	2SD737/A/-B or C	Transistor
Q6	2SD737/A/-B or C	Transistor
Q7	2SB701/A/-B or C	Transistor
Q8	2SB701/A/-B or C	Transistor

LAMPS AND FUSES

Symbol	Part No.	Description
PL1	AEL-069	Pilot lamp with lead wire (FM)
PL2	AEL-067	Pilot lamp with lead wire (AM)
PL3	AEL-067	Pilot lamp with lead wire (AUX)
PL4	AEL-067	Pilot lamp with lead wire (PHONO)
PL5	AEL-069	Pilot lamp with lead wire (STEREO IND.)
PL7	AEL-029	Wedge type pilot lamp (Dial sc
PL8	AEL-029	Wedge type pilot lamp (Dial sc
PL9	AEL-029	Wedge type pilot lamp (Dial sc
FU1	AEK-015	Fuse T5A
FU2	AEK-405	Fuse T1.6A
FU3	AEK-402	Fuse T1A
FU4	AEK-402	Fuse T1A
FU5	AEK-402	Fuse T1A
FU6	AEK-402	Fuse T1A

OTHERS

Symbol	Part No.	Description
	*AWE-092	Tuner assembly
	*GWS-125	Function and equalizer assemb
	*GWS-127	Input terminal assembly (PHONO, AUX)
	GWG-115	Flat amplifier assembly
	GWS-138	Input terminal assembly (TAP!
	*AWG-056	Tone control assembly
	AWT-003	Filter assembly
	*GWS-124	Speaker switch assembly
	*GWS-128	Terminal assembly (SPEAKER
	AWH-076	Power amplifier assembly
	AWR-161	Power supply assembly
	AWM-125	Protection and surge killer assembly
	AWX-130	Power transistor connector assembly
	AKA-005	Antenna terminal
	AMM-068	Bonnet
	AKP-008	Socket (INLET)

NOTE:
** marked assemblies are same as the SX-1080/KU.*

List of Changed Parts for Factory Modification

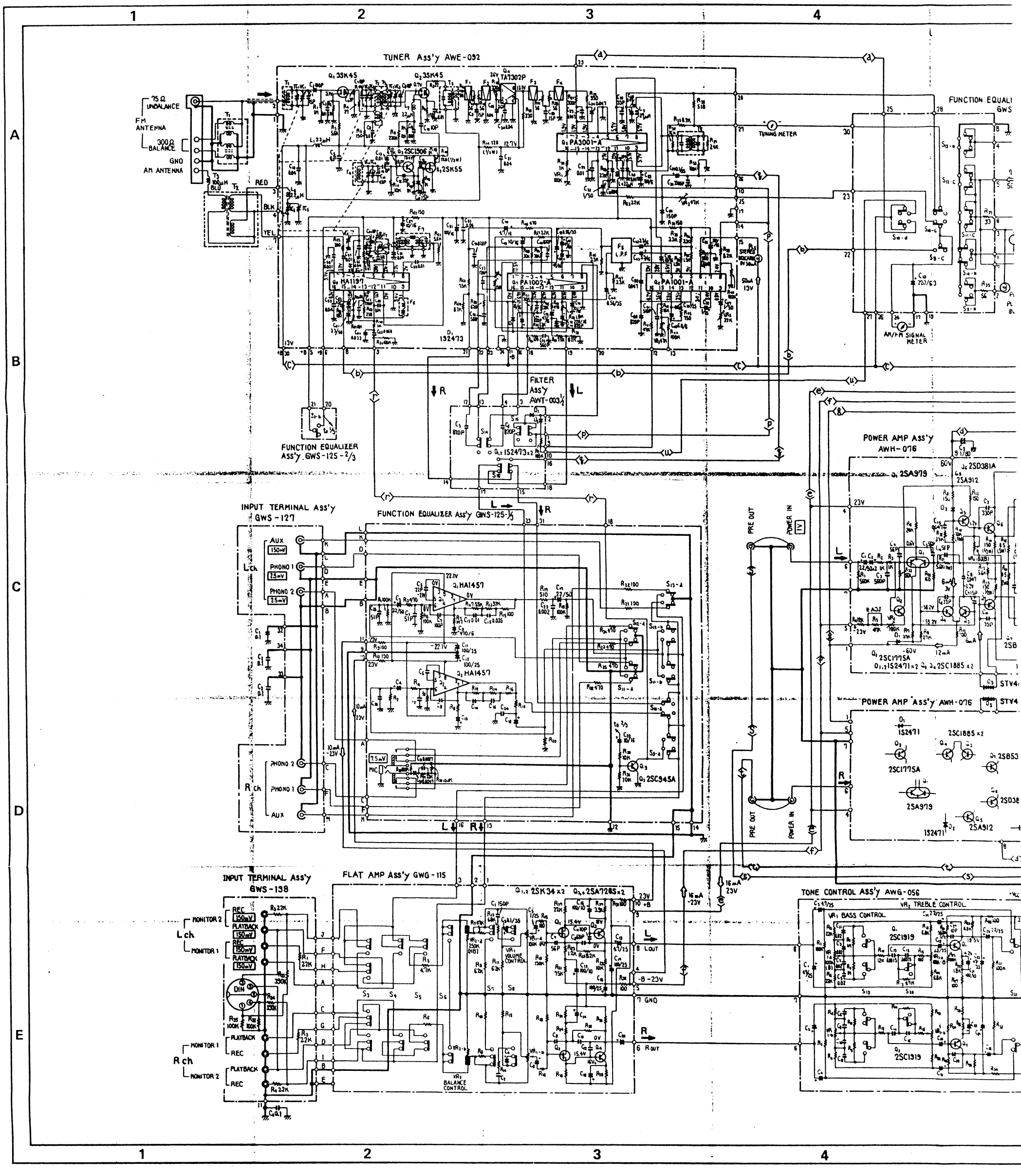
List of changed parts information will be furnis whenever necessary and you are requested to amend pa number in this parts list.

Symbol	Part No.	Description

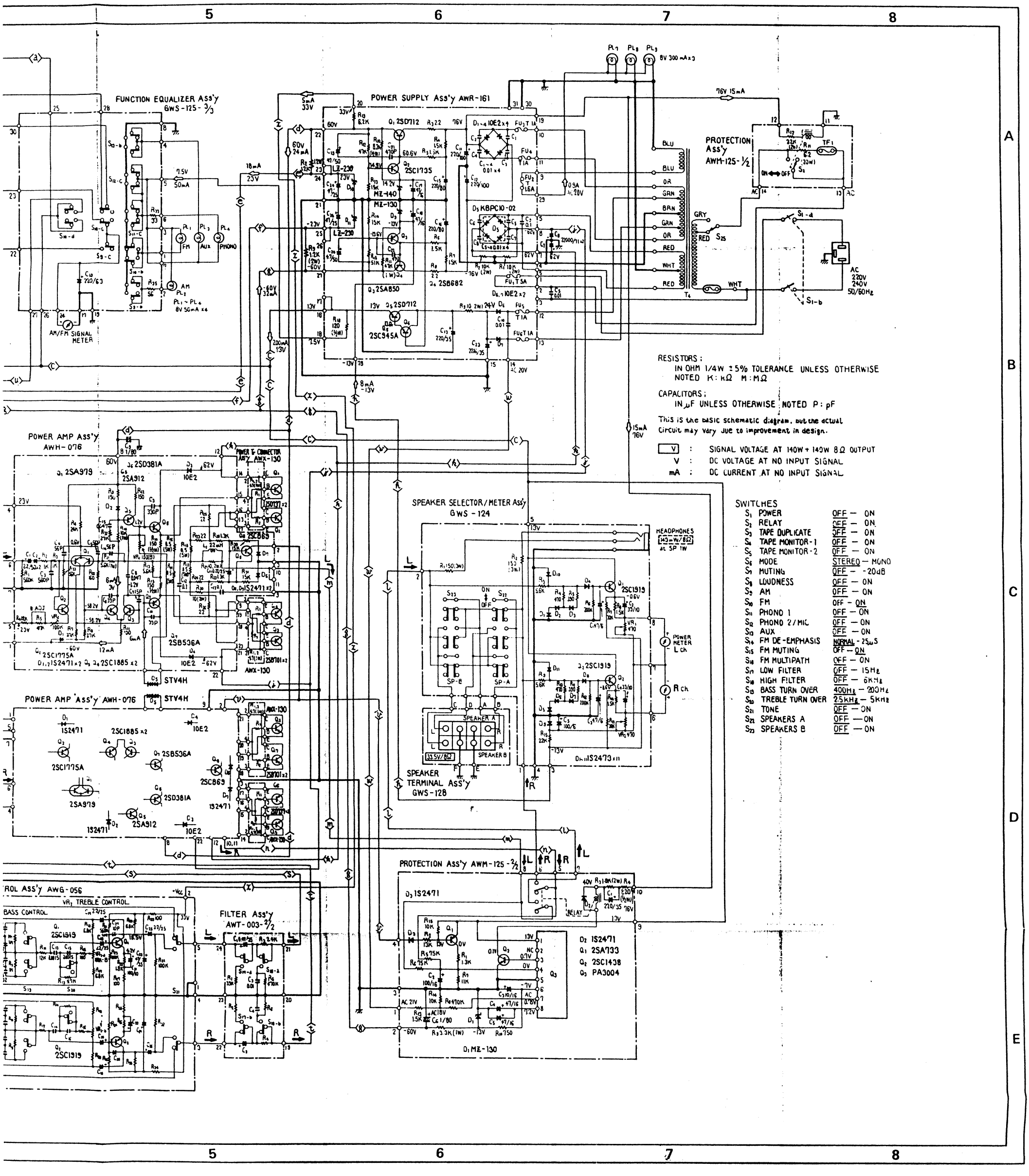
AM/FM STEREO RECEIVER

SX-1080

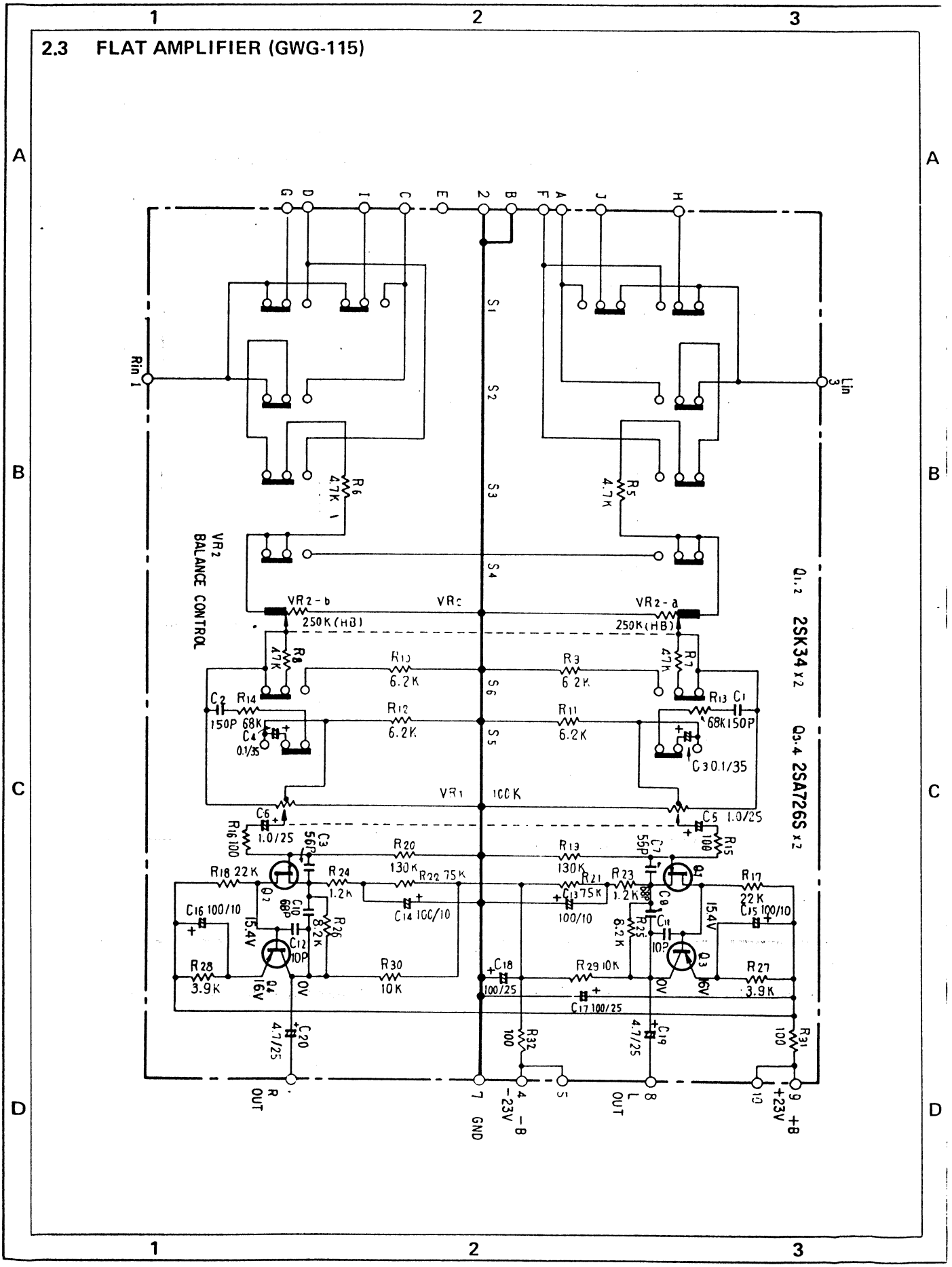
HG



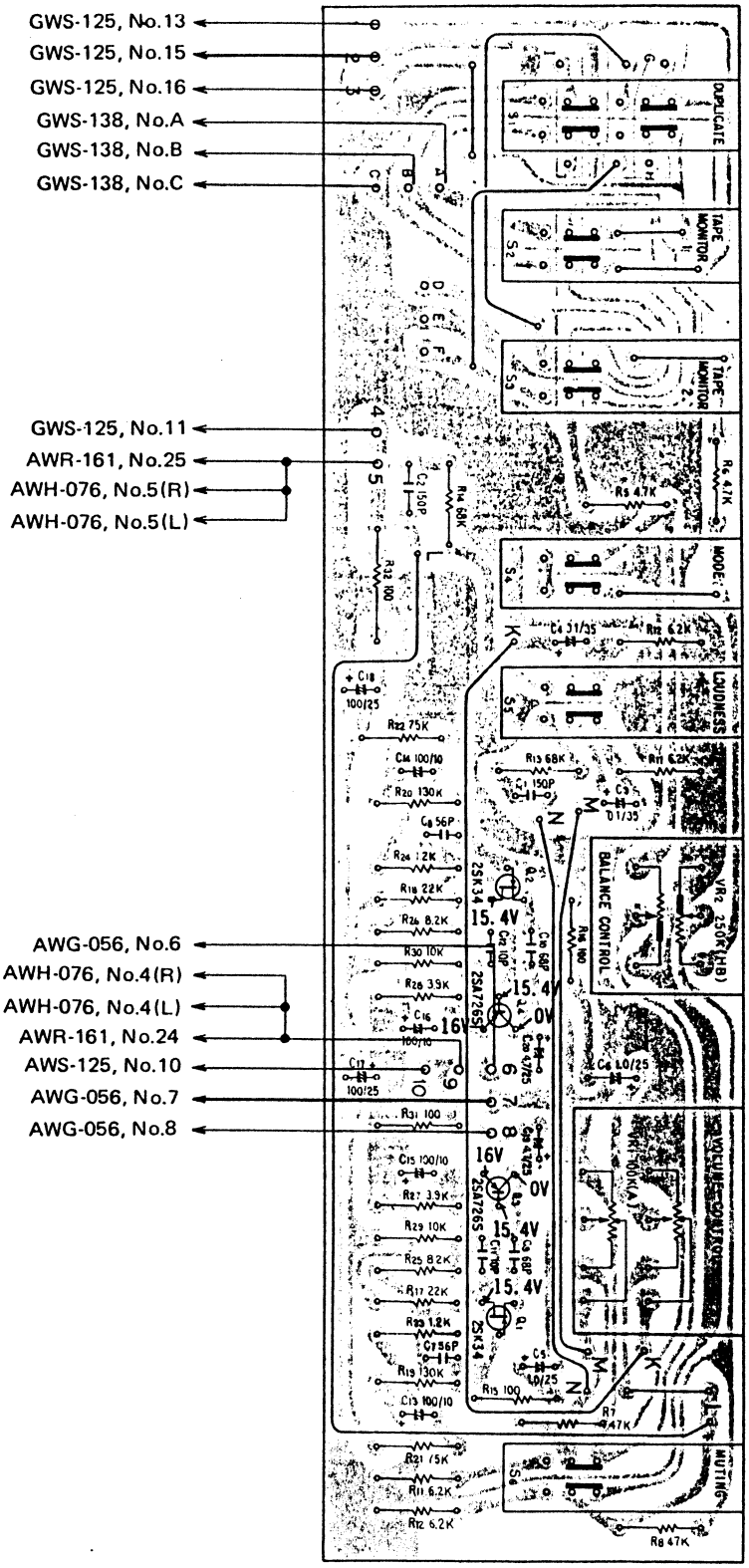
PIONEER


FUNCTION EQUALIZER Ass'y GWS-125-3/3
POWER SUPPLY Ass'y AWR-161
PROTECTION Ass'y AWM-125-1/2
POWER AMP Ass'y AWH-076
POWER & CONNECTOR Ass'y AWX-130
SPEAKER SELECTOR/METER Ass'y GWS-124
SPEAKER TERMINAL Ass'y GWS-128
PROTECTION Ass'y AWM-125-2/2
FILTER Ass'y AWT-003-2/2
CONTROL Ass'y AWG-056
AM/FM SIGNAL METER
RESISTORS; IN OHM 1/4W ±5% TOLERANCE UNLESS OTHERWISE NOTED K: kΩ M: MΩ
CAPACITORS; IN μF UNLESS OTHERWISE NOTED P: pF
This is the basic schematic diagram, but the actual circuit may vary due to improvement in design.
V : SIGNAL VOLTAGE AT 140W + 140W 8Ω OUTPUT
V : DC VOLTAGE AT NO INPUT SIGNAL
mA : DC CURRENT AT NO INPUT SIGNAL
SWITCHES
S1 POWER OFF — ON
S2 RELAT OFF — ON
S3 TAPE DUPLICATE OFF — ON
S4 TAPE MONITOR-1 OFF — ON
S5 TAPE MONITOR-2 OFF — ON
S6 MODE STEREO — MONO
S7 MUTING OFF — -20dB
S8 LOUDNESS OFF — ON
S9 AM OFF — ON
S10 FM OFF — ON
S11 PHONO 1 OFF — ON
S12 PHONO 2/MIC OFF — ON
S13 AUX OFF — ON
S14 FM DE-EMPHASIS NORMAL - 25μS
S15 FM MUTING OFF — ON
S16 FM MULTIPATH OFF — ON
S17 LOW FILTER OFF — 15Hz
S18 HIGH FILTER OFF — 6KHz
S19 BASS TURN OVER 400Hz — 200Hz
S20 TREBLE TURN OVER 2.5kHz — 5kHz
S21 TONE OFF — ON
S22 SPEAKERS A OFF — ON
S23 SPEAKERS B OFF — ON
D2 1S2471
Q1 2SA733
Q2 2SC1438
Q3 PA3004
D1 MZ-130

2.3 FLAT AMPLIFIER (GWG-115)



Foil side


GWS-125, No.13
GWS-125, No.15
GWS-125, No.16
GWS-138, No.A
GWS-138, No.B
GWS-138, No.C
GWS-125, No.11
AWR-161, No.25
AWH-076, No.5(R)
AWH-076, No.5(L)
AWG-056, No.6
AWH-076, No.4(R)
AWH-076, No.4(L)
AWR-161, No.24
AWS-125, No.10
AWG-056, No.7
AWG-056, No.8
DUPLICATE
TAPE MONITOR 1
TAPE MONITOR 2
MODE
LOUDNESS
BALANCE CONTROL
VOLUME CONTROL
MUTING
15.4V
16V
0V

Parts List of Flat Amplifier Assembly (GWG-115)

SWITCHES

Symbol	Part No.	Description
S1	ASK-145	Lever switch (DUPLICATE)
S2	ASK-144	Lever switch (TAPE MONITOR 1)
S3	ASK-144	Lever switch (TAPE MONITOR 2)
S4	ASK-144	Lever switch (MODE)
S5	ASK-144	Lever switch (LOUDNESS)
S6	ASK-144	Lever switch (MUTING)

CAPACITORS

Symbol	Part No.	Description		
C1	CCDSL 151K 50	Ceramic	150p	50V
C2	CCDSL 151K 50	Ceramic	150p	50V
C3	CSZA 0R1M 35	Electrolytic	0.01	35V
C4	CSZA 0R1M 35	Electrolytic	0.01	35V
C5	CSZA 0I0M 25	Electrolytic	1	25V
C6	CSZA 0I0M 25	Electrolytic	1	25V
C7	CCDSL 560K 50	Ceramic	56p	50V
C8	CCDSL 560K 50	Ceramic	56p	50V
C9	CCDSL 680K 50	Ceramic	68p	50V
C10	CCDSL 680K 50	Ceramic	68p	50V
C11	CCDSL 100F 50	Ceramic	10p	50V
C12	CCDSL 100F 50	Ceramic	10p	50V
C13	CEANL 101P 10	Electrolytic	100	10V
C14	CEANL 101P 10	Electrolytic	100	10V
C15	CEANL 101P 10	Electrolytic	100	10V
C16	CEANL 101P 10	Electrolytic	100	10V
C17	CEA 101P 25	Electrolytic	100	25V
C18	CEA 101P 25	Electrolytic	100	25V
C19	CEANL 4R7P 25	Electrolytic	4.7	25V
C20	CEANL 4R7P 25	Electrolytic	4.7	25V

RESISTORS

Symbol	Part No.	Description	
VR1	ACV-162	Variable resistor (VOLUME)	100k-A
VR2	ACV-190	Variable resistor (BALANCE)	250k-HB
R5	RD¼PS 472J	Carbon film	4.7k
R6	RD¼PS 472J	Carbon film	4.7k
R7	RD¼PS 473J	Carbon film	47k
R8	RD¼PS 473J	Carbon film	47k
R9	RD¼PS 622J	Carbon film	6.2k
R10	RD¼PS 622J	Carbon film	6.2k
R11	RD¼PS 622J	Carbon film	6.2k
R12	RD¼PS 622J	Carbon film	6.2k
R13	RD¼PS 683J	Carbon film	68k
R14	RD¼PS 683J	Carbon film	68k
R15	RD¼PS 101J	Carbon film	100
R16	RD¼PS 101J	Carbon film	100
R17	RD¼PS 223J	Carbon film	22k
R18	RD¼PS 223J	Carbon film	22k
R19	RD¼PS 134J	Carbon film	130k
R20	RD¼PS 134J	Carbon film	130k
R21	RD¼PS 753J	Carbon film	75k
R22	RD¼PS 753J	Carbon film	75k
R23	RD¼PS 122J	Carbon film	1.2k
R24	RD¼PS 122J	Carbon film	1.2k
R25	RD¼PS 822J	Carbon film	8.2k
R26	RD¼PS 822J	Carbon film	8.2k
R27	RD¼PS 392J	Carbon film	3.9k
R28	RD¼PS 392J	Carbon film	3.9k
R29	RD¼PS 103J	Carbon film	10k
R30	RD¼PS 103J	Carbon film	10k
R31	RD¼PS 101J	Carbon film	100
R32	RD¼PS 101J	Carbon film	100

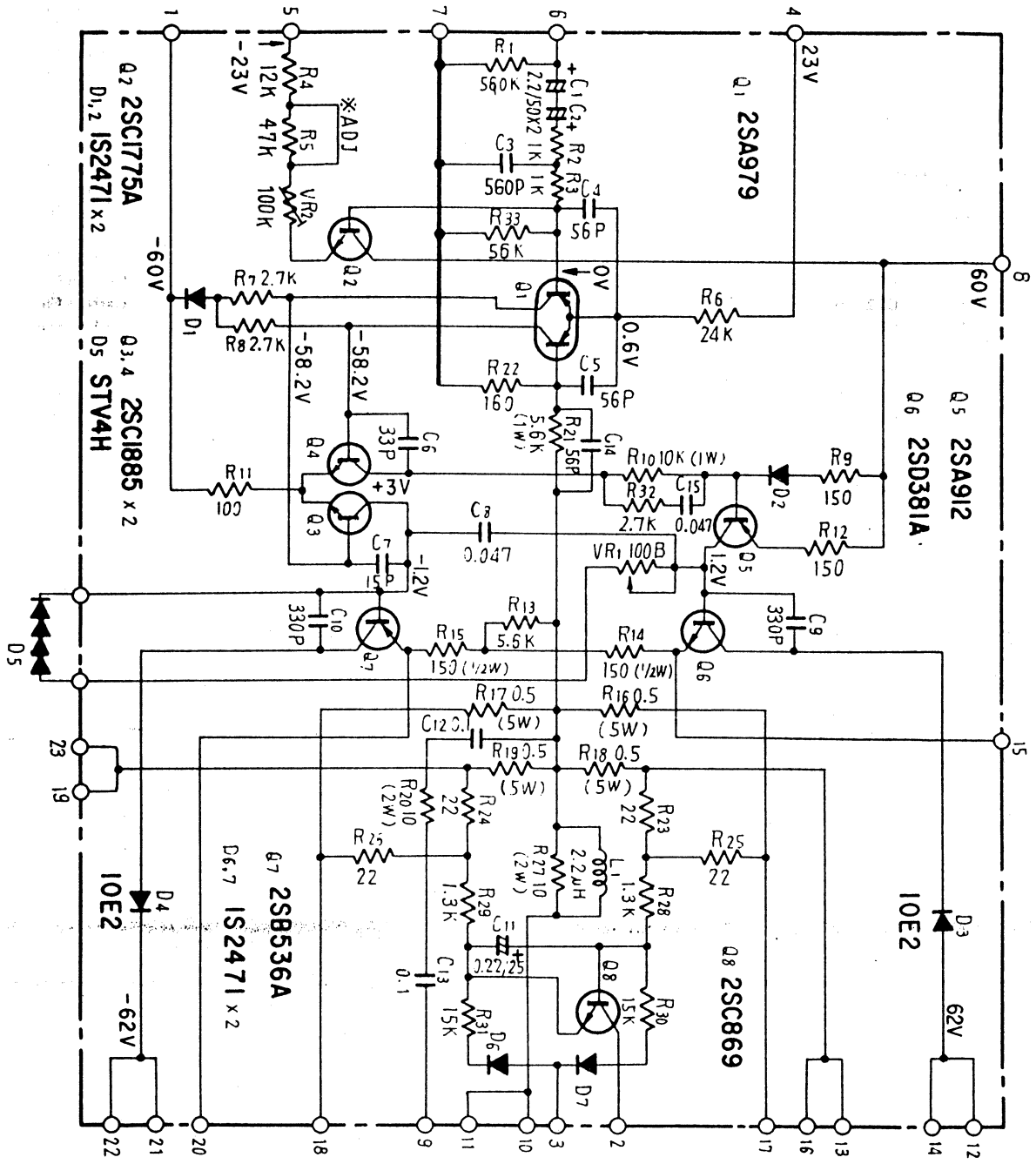
SEMICONDUCTORS

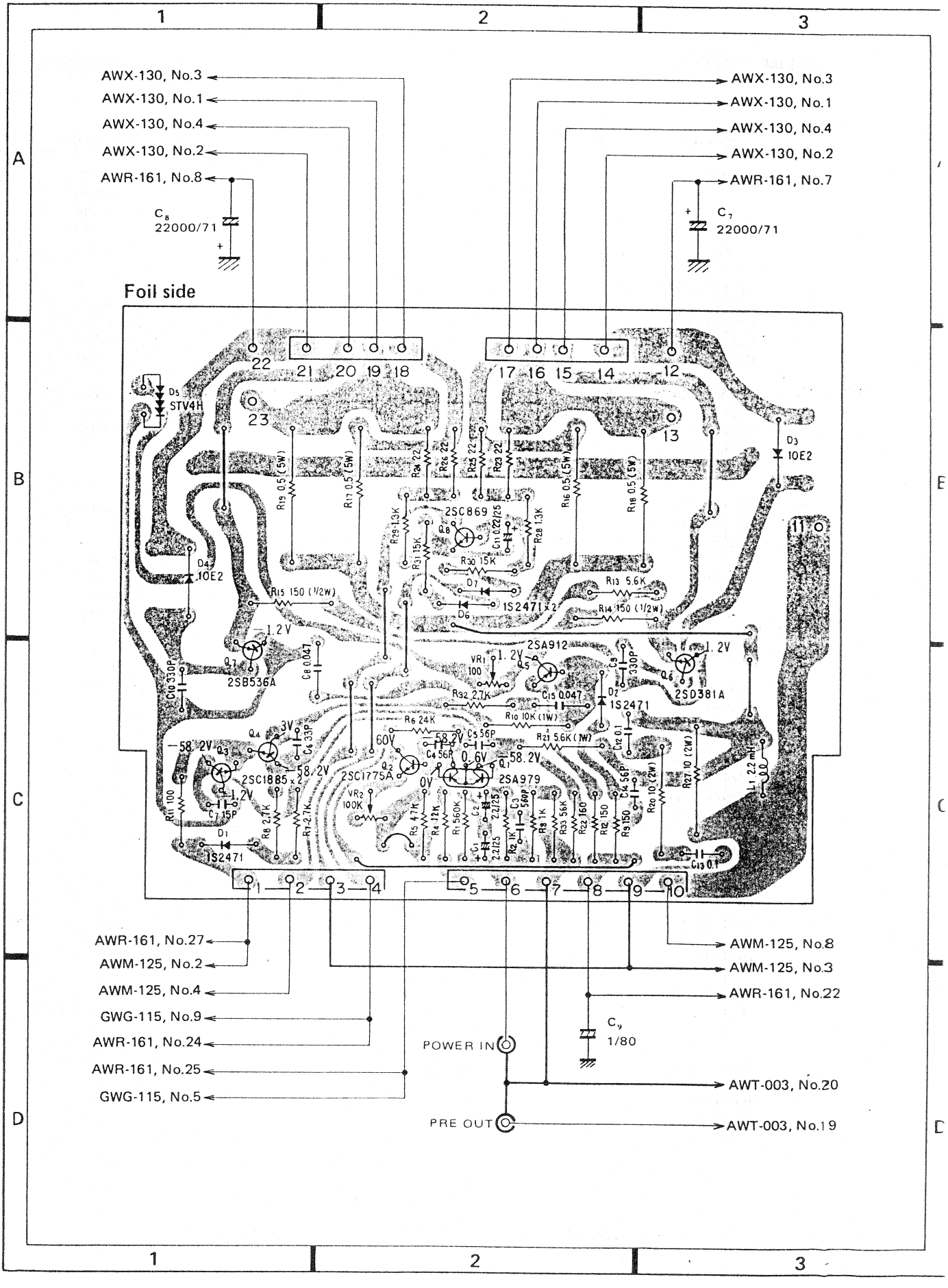
Symbol	Part No.	Description
Q1	2SK34-C or D (2SK68A-L or M)	FET
Q2	2SK34-C or D (2SK68A-L or M)	FET
Q3	2SA726S-F or G (2SA872A-D or E)	Transistor
Q4	2SA726S-F or G (2SA872A-D or E)	Transistor

List of Changed Parts for Factory Modification

Symbol	Part No.	Description

2.4 POWER AMPLIFIER ASSEMBLY (AWH-076)




AWX-130, No.3
AWX-130, No.1
AWX-130, No.4
AWX-130, No.2
AWR-161, No.8
C8 22000/71
AWX-130, No.3
AWX-130, No.1
AWX-130, No.4
AWX-130, No.2
AWR-161, No.7
C7 22000/71
Foil side
D5 STV4H
D4 10E2
D3 10E2
2SC869
Q8
D7
1S2471 x 2
D6
2SA912
Q5
2SB536A
Q7
2SD381A
Q6
1S2471
D2
2SC1885 x 2
Q3
Q4
2SC1775A
Q2
2SA979
Q1
1S2471
D1
VR1 100
VR2 100K
AWR-161, No.27
AWM-125, No.2
AWM-125, No.4
GWG-115, No.9
AWR-161, No.24
AWR-161, No.25
GWG-115, No.5
AWM-125, No.8
AWM-125, No.3
AWR-161, No.22
C9 1/80
POWER IN
PRE OUT
AWT-003, No.20
AWT-003, No.19

Parts List

COIL

Symbol	Part No.	Description
L1	T63-009	AF choke coil

CAPACITORS

Symbol	Part No.	Description		
C1	CEANL 2R2P 50	Electrolytic	2.2	50V
C2	CEANL 2R2P 50	Electrolytic	2.2	50V
C3	CKDYB 561K 50	Ceramic	560p	50V
C4	CCDSL 560K 50	Ceramic	56p	50V
C5	CCDSL 560 50	Ceramic	56p	50V
C6	CCDSL 330K 500	Ceramic	33p	500V
C7	CCDSL 150K 500	Ceramic	15p	500V
C8	ACG-009	Ceramic	0.047	150V
C9	CCDSL 331K 500	Ceramic	330p	500V
C10	CCDSL 331K 500	Ceramic	330p	500V
C11	CSSA R22M 25	Electrolytic	0.22	25V
C12	CQMA 104K 50	Mylar	0.1	50V
C13	CQMA 104K 50	Mylar	0.1	50V
C14	CCDSL 560K 50	Ceramic	56p	50V
C15	ACG-009	Ceramic	0.047	150V

RESISTORS

Symbol	Part No.	Description		
VR1	ACP-019	Semi-fixed	100-B	
VR2	ACP-066	Semi-fixed	100k	
R1	RD¼PS 564J	Carbon film	560k	
R2	RD¼PS 102J	Carbon film	1k	
R3	RD¼PS 102J	Carbon film	1k	
R4	RD¼PS 123J	Carbon film	12k	
R5	RD¼PS 473J	Carbon film	47k	
R6	RD¼PS 243J	Carbon film	24k	
R7	RD¼PSF 272J	Carbon film	2.7k	
R8	RD¼PSF 272J	Carbon film	2.7k	
R9	RD¼PSF 151J	Carbon film	150	
R10	RS1P 103J	Metal oxide	10k	1W
R11	RD¼PSF 101J	Carbon film	100	
R12	RD¼PSF 151J	Carbon film	150	
R13	RD¼PSF 562J	Carbon film	5.6k	
R14	RD½PSF 151J	Carbon film	150	½W
R15	RD½PSF 151J	Carbon film	150	½W
R16	RT5B 0R5K	Wire wound	0.5	5W
R17	RT5B 0R5K	Wire wound	0.5	5W
R18	RT5B 0R5K	Wire wound	0.5	5W
R19	RT5B 0R5K	Wire wound	0.5	5W
R20	RS2P 100J	Metal oxide	10	2W
R21	RS1P 562J	Metal oxide	5.6k	1W
R22	RD¼PSF 161J	Carbon film	160	
R23	RD¼PSF 220J	Carbon film	22	
R24	RD¼PSF 220J	Carbon film	22	
R25	RD¼PSF 220J	Carbon film	22	
R26	RD¼PSF 220J	Carbon film	22	
R27	RS2P 100J	Metal oxide	10	2W
R28	RD¼PSF 132J	Carbon film	1.3k	
R29	RD¼PSF 132J	Carbon film	1.3k	
R30	RD¼PS 153J	Carbon film	15k	
R31	RD¼PS 153J	Carbon film	15k	
R32	RD¼PS 272J	Carbon film	2.7k	
R33	RD¼PS 563J	Carbon film	56k	

SEMICONDUCTORS

Symbol	Part No.	Description
Q1	2SA979-F	Transistor
Q2	2SC1775A-E	Transistor
Q3	2SC1885-Q or R	Transistor
Q4	2SC1885-Q or R	Transistor
Q5	2SA912-Q or R	Transistor
Q6	2SD381A-M or L	Transistor
Q7	2SB536A-M or L	Transistor
Q8	2SC869-D or C	Transistor
D1	1S2471	Diode
D2	1S2471	Diode
D3	10E2 or SIB01-02	Diode
D4	10E2 or SIB01-02	Diode
D5	STV4H	Varistor
D6	1S2471	Diode
D7	1S2471	Diode

OTHER

Symbol	Part No.	Description
	AEC-410	Transistor cover

List of Changed Parts for Factory Modification

Symbol	Part No.	Description

2.5 POWER SUPPLY ASSEMBLY (AWR-161)

Parts List

CAPACITORS

Symbol	Part No.	Description		
C1	ACG-004	Ceramic	0.01	150V
C2	ACG-004	Ceramic	0.01	150V
C3	ACG-004	Ceramic	0.01	150V
C4	ACG-004	Ceramic	0.01	150V
C5	ACG-004	Ceramic	0.01	150V
C6	ACG-004	Ceramic	0.01	150V
C7	ACG-004	Ceramic	0.01	150V
C8	ACG-004	Ceramic	0.01	150V
C9	CQMA 104K 250	Mylar	0.1	250V
C10	ACG-004	Ceramic	0.01	150V
C11	CEA 221P 100	Electrolytic	220	100V
C12	CEA 221P 100	Electrolytic	220	100V
C13	CEA 221P 35	Electrolytic	220	35V
C15	CEA 221P 80	Electrolytic	220	80V
C16	CEA 221P 80	Electrolytic	220	80V
C17	CEA 470P 16	Electrolytic	47	16V
C18	CEA 470P 16	Electrolytic	47	16V
C19	CEA 4R7P 50	Electrolytic	4.7	50V
C20	CEA 4R7P 50	Electrolytic	4.7	50V
C21	CKDYB 471K 50	Ceramic	470p	50V
C22	CKDYB 471K 50	Ceramic	470p	50V
C23	ACH-060	Electrolytic	2200	35V
C24	CEA 470P 25	Electrolytic	47	25V
C25	CEA 470P 25	Electrolytic	47	25V

RESISTORS

Symbol	Part No.	Description		
R1	RS2P 103J	Metal oxide	10k	2W
R2	RS2P 103J	Metal oxide	10k	2W
R3	RD¼PSF 2R2J	Carbon film	2.2	
R4	RD¼PSF 152J	Carbon film	1.5k	
R5	RD¼PSF 152J	Carbon film	1.5k	
R6	RD¼PSF 152J	Carbon film	1.5k	
R7	RD¼PSF 152J	Carbon film	1.5k	
R8	RD¼PSF 2R2J	Carbon film	2.2	
R9	RS2P 100J	Metal oxide	10	2W
R10	RD½PS 822J	Carbon film	8.2k	½W
R11	RS1P 472J	Metal oxide	4.7k	1W
R12	RD¼PS 473J	Carbon film	47k	
R13	RD¼PS 153J	Carbon film	15k	
R14	RD¼PS 153J	Carbon film	15k	
R15	RD¼PS 513J	Carbon film	51k	
R16				
R17				
R18	RD½PS 121J	Carbon film	120	½W
R19	RD¼PS 622J	Carbon film	6.2k	

SEMICONDUCTORS

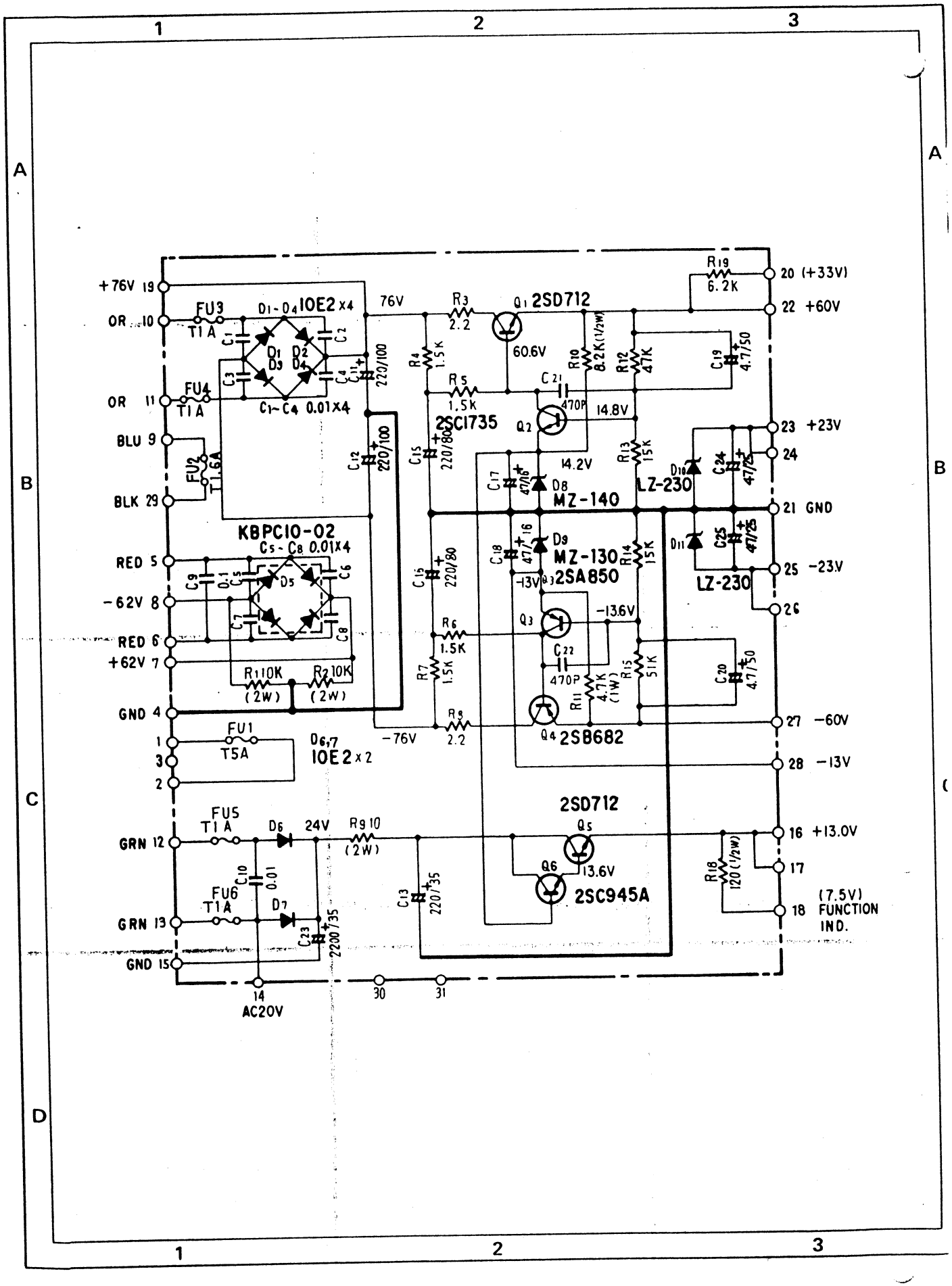
Symbol	Part No.	Description
Q1	2SD712-D or C	Transistor
Q2	2SC1735-D or C (2S1384-Q or R)	Transistor
Q3	2SA850-D or C (2SA684A-Q or R)	Transistor
Q4	2SB682-D or C	Transistor
Q5	2SC712-D or C	Transistor
Q6	2SC945A-Q or R (2SC1914-F)	Transistor
D1	10E2 or SIB01-02	Diode
D2	10E2 or SIB01-02	Diode
D3	10E2 or SIB01-02	Diode
D4	10E2 or SIB01-02	Diode
D5	KBPC10-02 (S15VB20)	Diode
D6	10E2 or SIB01-02	Diode
D7	10E2 or SIB01-02	Diode
D8	MZ-140 or WZ-140	Zener diode
D9	LZ-230 or WZ-130	Zener diode
D10	LZ-230	Zener diode
D11	LZ-230	Zener diode

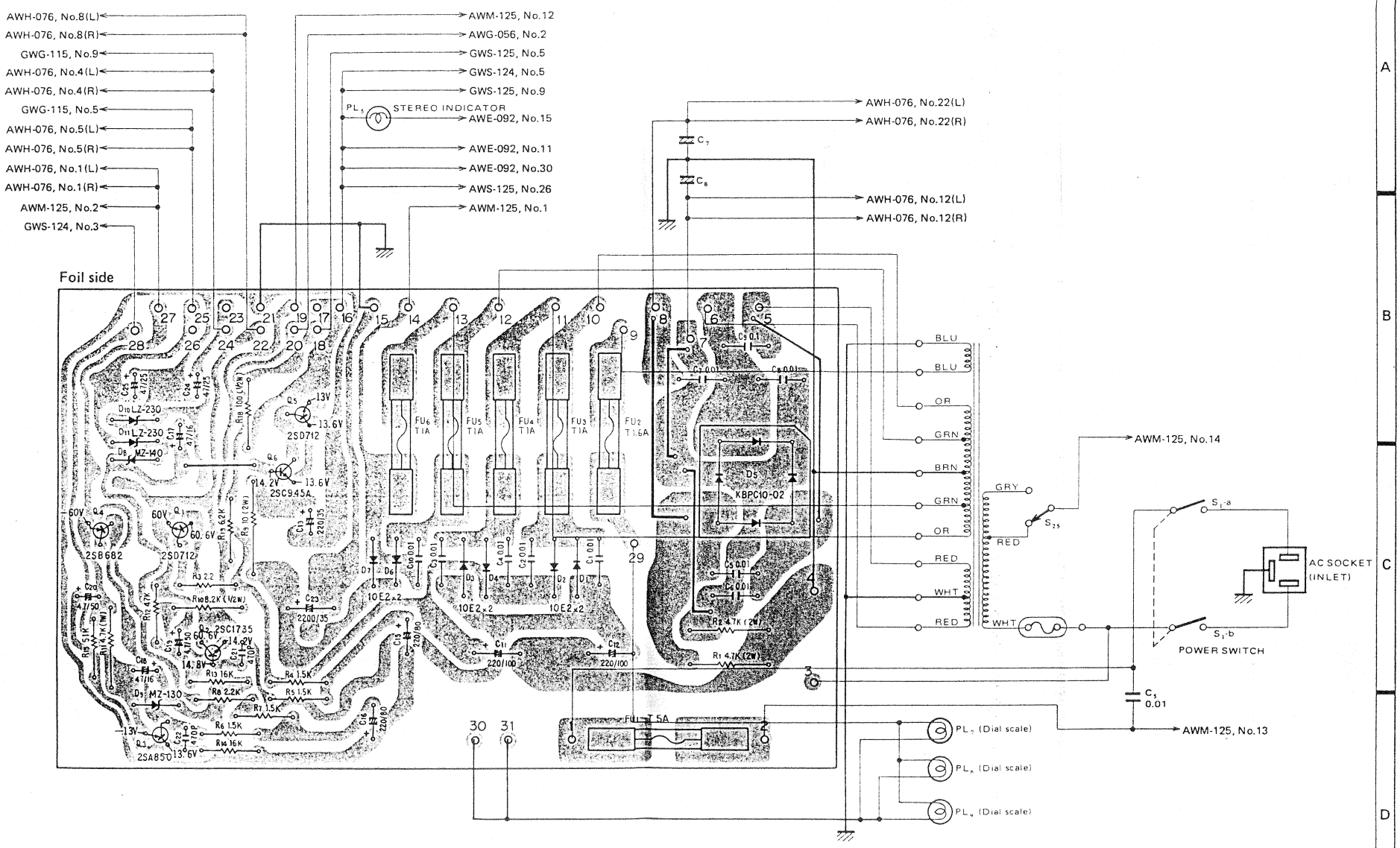
OTHERS

Symbol	Part No.	Description
	ANH-395	Heat sink
	ANH-203	Heat sink
	AKR-010	Fuse holder

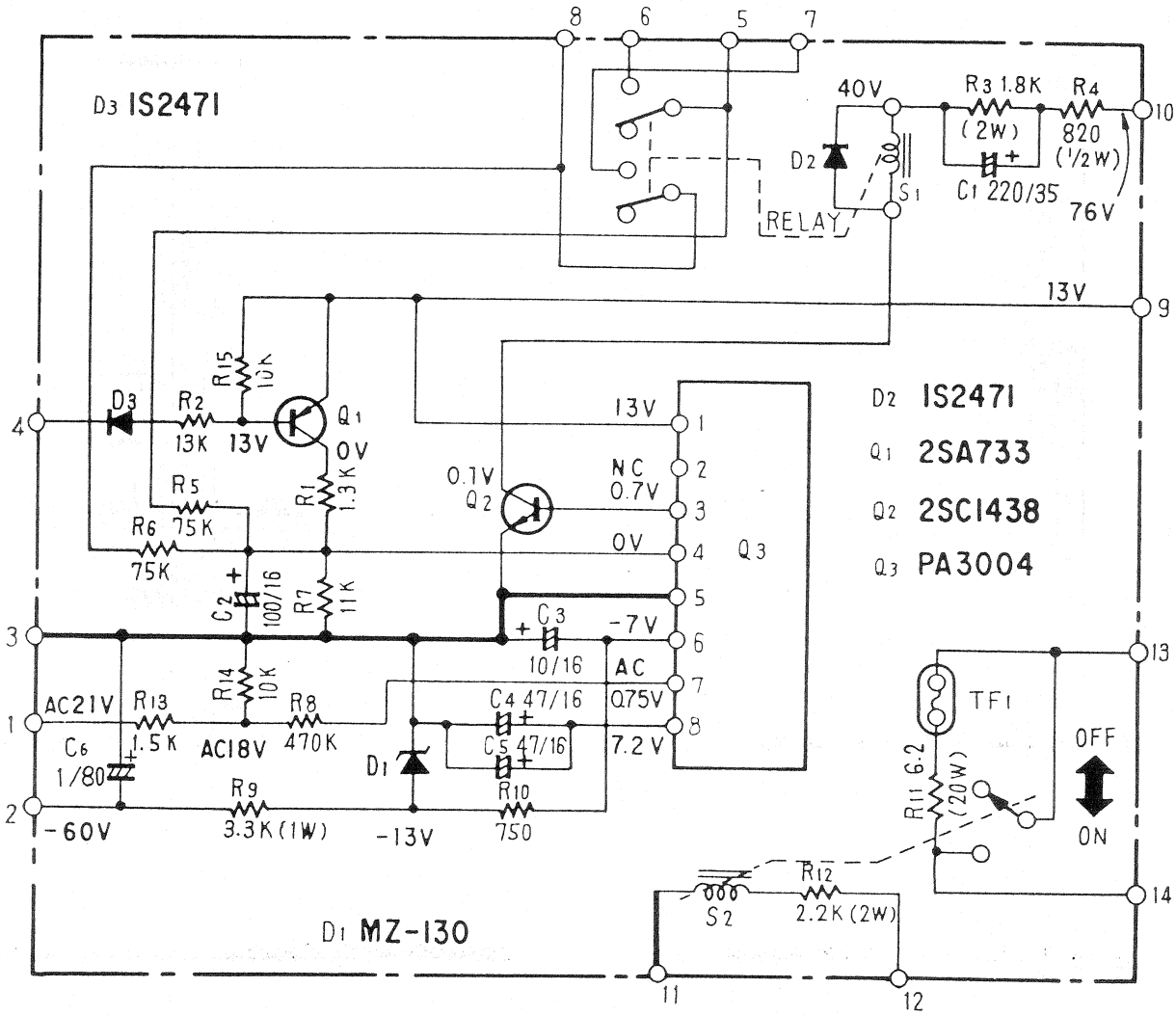
List of Changed Parts for Factory Modification

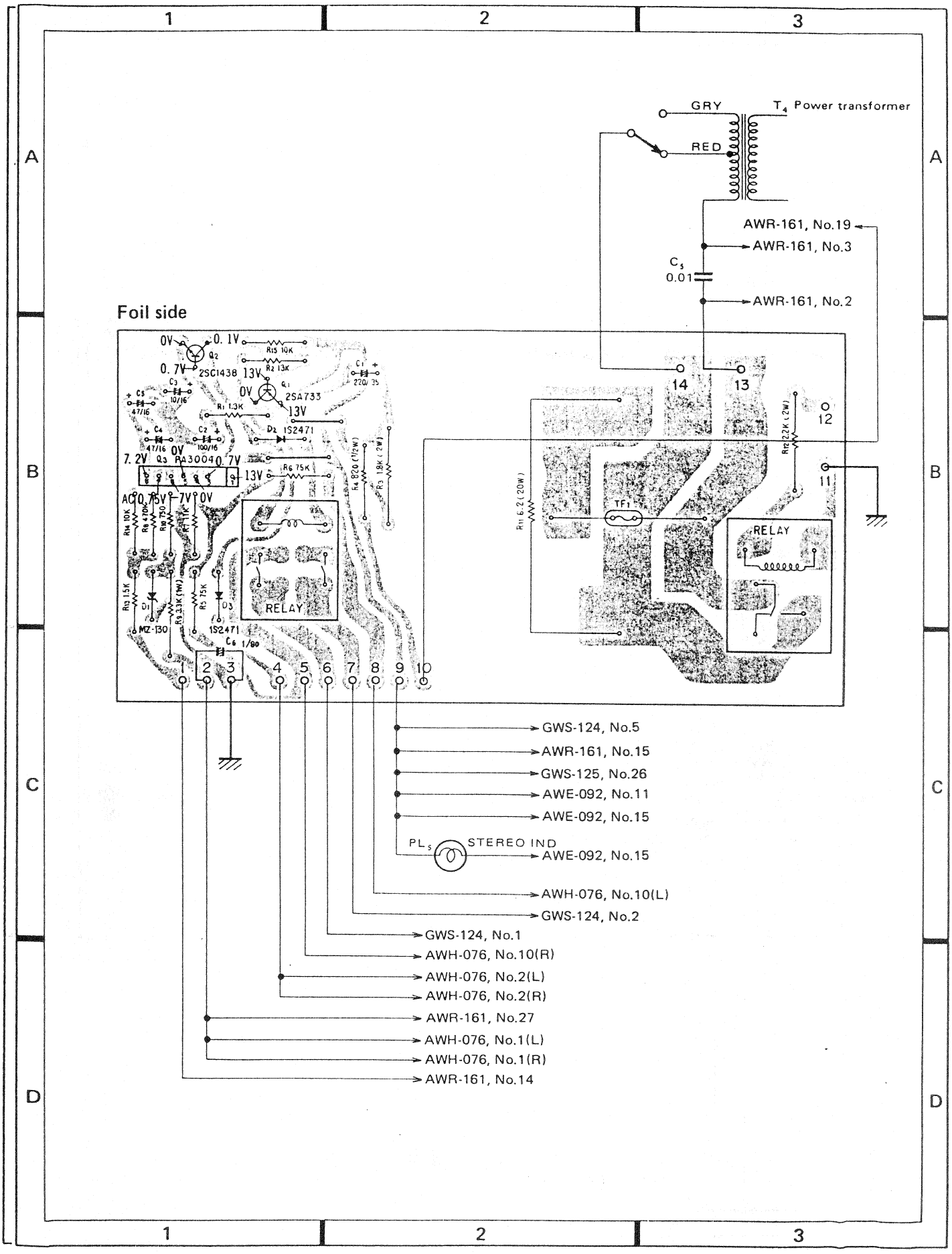
Symbol	Part No.	Description


+76V 19
OR 10
OR 11
BLU 9
BLK 29
RED 5
-62V 8
RED 6
+62V 7
GND 4
1
3
2
GRN 12
GRN 13
GND 15
14
AC20V
30
31
FU3
T1A
FU4
T1A
FU2
T1.6A
FU1
T5A
FU5
T1A
FU6
T1A
D1-D4 10E2 x4
C1-C4 0.01x4
KBPC10-02
C5-C8 0.01x4
D6,7
10E2 x2
R1 10K (2W)
R2 10K (2W)
R9 10 (2W)
76V
-76V
24V
R3 2.2
R4 1.5K
R5 1.5K
R6 1.5K
R7 1.5K
R9 2.2
Q1 2SD712
60.6V
Q2 2SC1735
14.2V
Q3 2SA850
-13V
-13.6V
Q4 2SB682
Q5 2SD712
Q6 2SC945A
13.6V
D8 MZ-140
D9 MZ-130
R10 8.2K (1/2W)
R11 4.7K (1W)
R12 47K
R13 15K
R14 15K
R15 51K
R19 6.2K
R18 120 (1/2W)
D10 LZ-230
D11 LZ-230
14.8V
20 (+33V)
22 +60V
23 +23V
24
21 GND
25 -23V
26
27 -60V
28 -13V
16 +13.0V
17
18 (7.5V) FUNCTION IND.


AWH-076, No.8(L)
AWH-076, No.8(R)
GWG-115, No.9
AWH-076, No.4(L)
AWH-076, No.4(R)
GWG-115, No.5
AWH-076, No.5(L)
AWH-076, No.5(R)
AWH-076, No.1(L)
AWH-076, No.1(R)
AWM-125, No.2
GWS-124, No.3
AWM-125, No.12
AWG-056, No.2
GWS-125, No.5
GWS-124, No.5
GWS-125, No.9
PL6 STEREO INDICATOR
AWE-092, No.15
AWE-092, No.11
AWE-092, No.30
AWS-125, No.26
AWM-125, No.1
AWH-076, No.22(L)
AWH-076, No.22(R)
AWH-076, No.12(L)
AWH-076, No.12(R)
Foil side
BLU
BLU
ORG
GRN
BRN
GRN
ORG
RED
WHT
RED
GRY
RED
WHT
AWM-125, No.14
AWM-125, No.13
AC SOCKET (INLET)
POWER SWITCH
PL7 (Dial scale)
PL8 (Dial scale)
PL9 (Dial scale)
KBPC10-02
2SD712
2SC945A
2SB682
2SC1735
2SA850
LZ-230
MZ-140
MZ-130
FU1 T.5A
FU2 T.1.6A
FU3 T1A
FU4 T1A
FU5 T1A
FU6 T1A

2.6 PROTECTION AND SURGE KILLER ASSEMBLY (AWM-125)




GRY
RED
T4 Power transformer
AWR-161, No.19
AWR-161, No.3
C5 0.01
AWR-161, No.2
Foil side
14
13
12
11
RELAY
TF1
RELAY
1
2
3
4
5
6
7
8
9
10
GWS-124, No.5
AWR-161, No.15
GWS-125, No.26
AWE-092, No.11
AWE-092, No.15
PL5
STEREO IND
AWE-092, No.15
AWH-076, No.10(L)
GWS-124, No.2
GWS-124, No.1
AWH-076, No.10(R)
AWH-076, No.2(L)
AWH-076, No.2(R)
AWR-161, No.27
AWH-076, No.1(L)
AWH-076, No.1(R)
AWR-161, No.14

Parts List

CAPACITORS

Symbol	Part No.	Description		
C1	CEA 221P 35	Electrolytic	220	35V
C2	CEA 101P 16	Electrolytic	100	16V
C3	CEA 100P 16	Electrolytic	10	16V
C4	CEA 470P 16	Electrolytic	47	16V
C5	CEA 470P 16	Electrolytic	47	16V
C6	CEA 010P 80	Electrolytic	1	80V

RESISTORS

Symbol	Part No.	Description		
R1	RS¼PS 132J	Metal oxide	13k	
R2	RS¼PS 133J	Metal oxide	13k	
R3	RS2P 182J	Metal oxide	1.8k	2W
R4	RS½PSF 821J	Metal oxide	820	½W
R5	RS¼PS 753J	Metal oxide	75k	
R6	RS¼PS 753J	Metal oxide	75k	
R7	RS¼PS 113J	Metal oxide	11k	
R8	RS¼PS 474J	Metal oxide	470k	
R9	RS1P 332J	Metal oxide	3.3k	1W
R10	RS¼PS 751J	Metal oxide	750	
R11	ACN-021	Cement	6.2	20W
R12	RS2P 222J	Metal oxide	2.2k	
R13	RS¼PS 152J	Metal oxide	1.5k	
R14	RS¼PS 103J	Metal oxide	10k	
R15	RS¼PS 103J	Metal oxide	10k	

SEMICONDUCTORS

Symbol	Part No.	Description
Q1	2SA733-Q or R (2SA904A-E or F)	Transistor
Q2	2SC1438-V or B (2SC1915-E or F)	Transistor
Q3	PA3004	IC
D1	MZ-130 or WZ-130	Zener diode
D2	1S2471	Diode
D3	1S2471	Diode

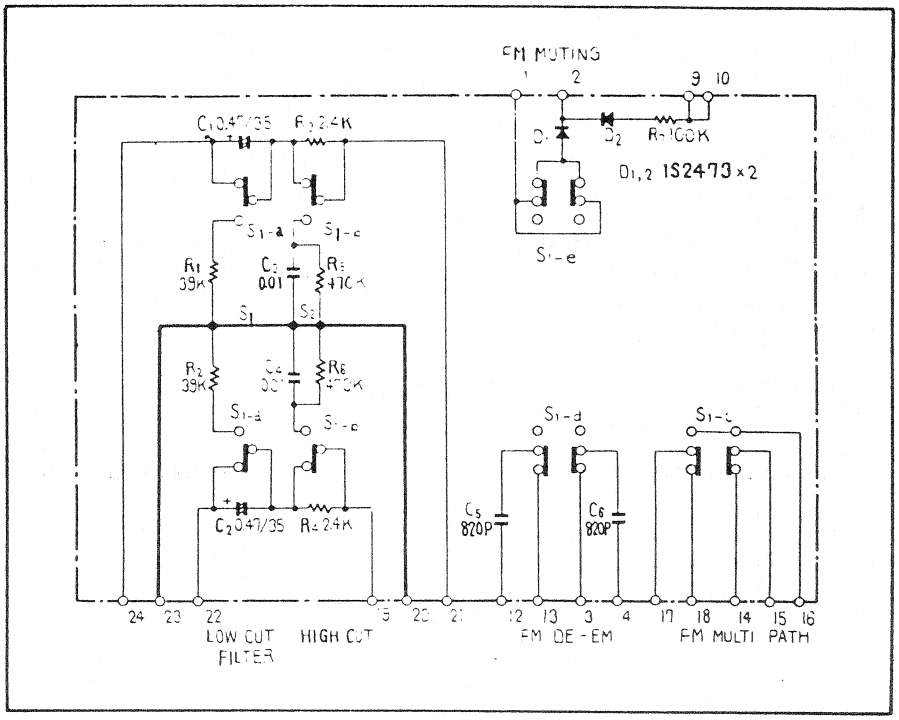
OTHERS

Symbol	Part No.	Description
	ASR-048	Relay
	ASR-046	Relay
	AEX-001	Temperature-sensitive fuse

List of Changed Parts for Factory Modification

Symbol	Part No.	Description

2.7 FILTER ASSEMBLY (AWT-003)



Parts List

SWITCH

Symbol	Part No.	Description
S1	ASG-128	Push switch

CAPACITORS

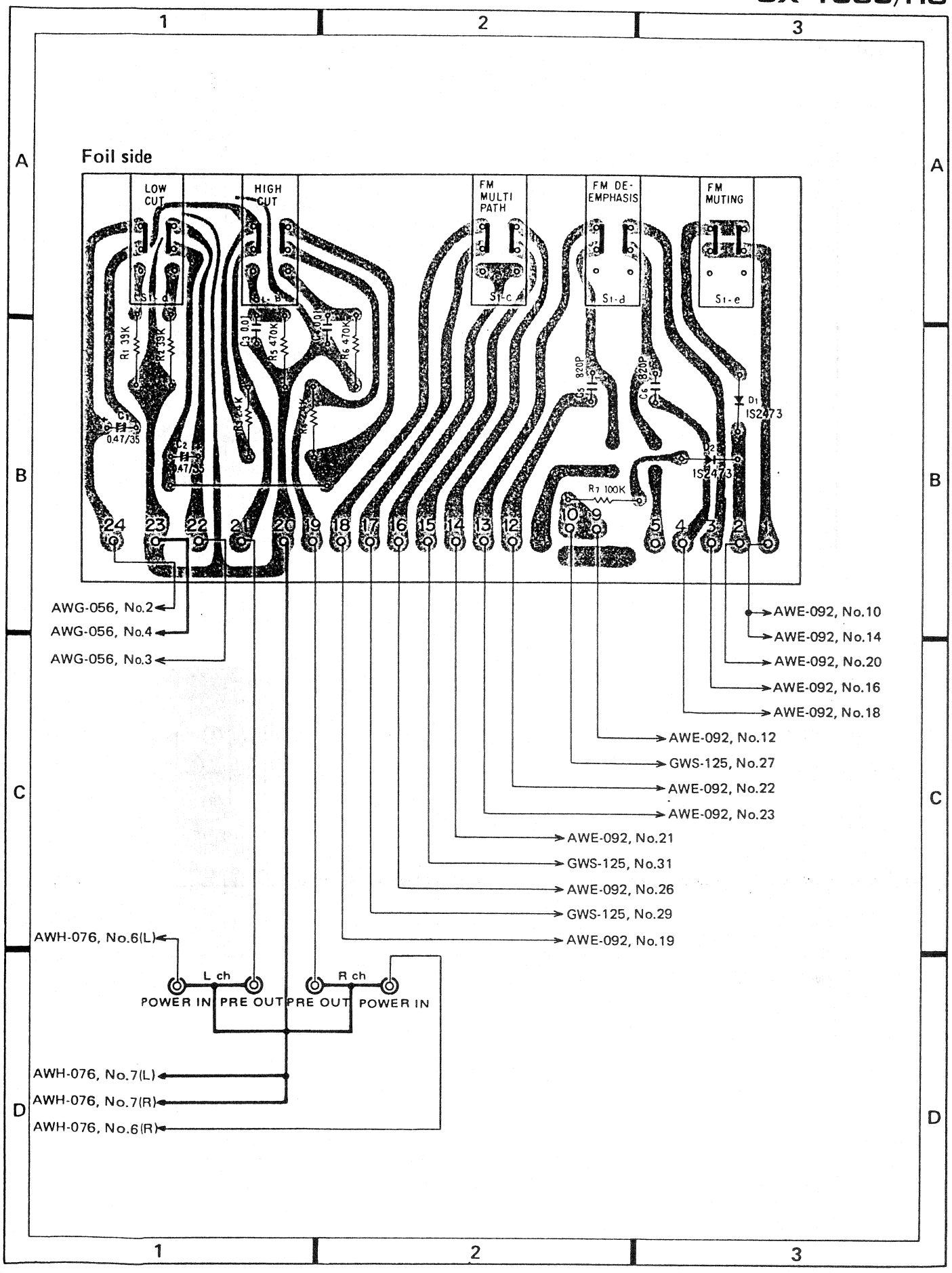
Symbol	Part No.	Description		
C1	CSZA R47M 35	Styrol	0.47	35V
C2	CSZA R47M 35	Styrol	0.47	35V
C3	CQMA 103K 50	Mylar	0.01	50V
C4	CQMA 103K 50	Mylar	0.01	50V
C5	CQSA 821G 50	Styrol	820p	50V
C6	CQSA 821G 50	Styrol	820p	50V

RESISTORS

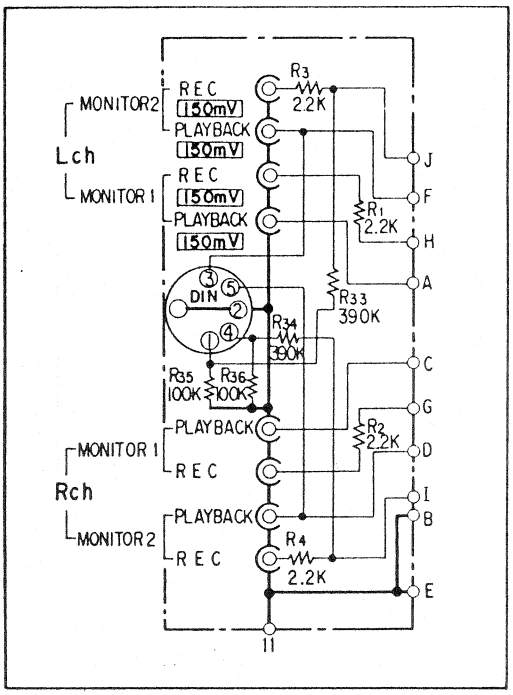
Symbol	Part No.	Description	
R1	RD¼PS 393J	Carbon film	39k
R2	RD¼PS 393J	Carbon film	39k
R3	RD¼PS 242J	Carbon film	2.4k
R4	RD¼PS 242J	Carbon film	2.4k
R5	RD¼PS 474J	Carbon film	470k
R6	RD¼PS 474J	Carbon film	470k
R7	RD¼PS 104J	Carbon film	100k

SEMICONDUCTORS

Symbol	Part No.	Description
D1	1S2473 or 1S1555	Diode
D2	1S2473 or 1S1555	Diode


1
2
3
A
B
C
D
Foil side
LOW CUT
HIGH CUT
FM MULTI PATH
FM DE-EMPHASIS
FM MUTING
S1-a
S1-b
S1-c
S1-d
S1-e
R1 39K
R2 39K
R3 470K
R4 470K
R5 470K
R6 470K
R7 100K
C1 0.47/35
C2 0.47/35
C3 0.01
C4 0.01
C5 820P
C6 820P
D1 IS2473
D2 IS2473
24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
AWG-056, No.2
AWG-056, No.4
AWG-056, No.3
AWE-092, No.10
AWE-092, No.14
AWE-092, No.20
AWE-092, No.16
AWE-092, No.18
AWE-092, No.12
GWS-125, No.27
AWE-092, No.22
AWE-092, No.23
AWE-092, No.21
GWS-125, No.31
AWE-092, No.26
GWS-125, No.29
AWE-092, No.19
AWH-076, No.6(L)
L ch
R ch
POWER IN
PRE OUT
PRE OUT
POWER IN
AWH-076, No.7(L)
AWH-076, No.7(R)
AWH-076, No.6(R)

2.8 INPUT TERMINAL ASSEMBLY (GWS-138)



Parts List

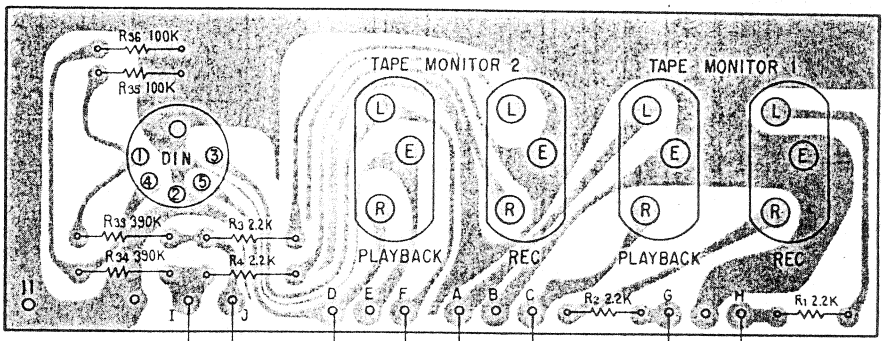
RESISTORS

Symbol	Part No.	Description	
R1	RD¼PM 222J	Carbon film	2.2k
R2	RD¼PM 222J	Carbon film	2.2k
R3	RD¼PS 222J	Carbon film	2.2k
R4	RD¼PS 222J	Carbon film	2.2k
R33	RD¼PS 394J	Carbon film	390k
R34	RD¼PS 394J	Carbon film	390k
R35	RD¼PS 104J	Carbon film	100k
R36	RD¼PS 104J	Carbon film	100k

OTHERS

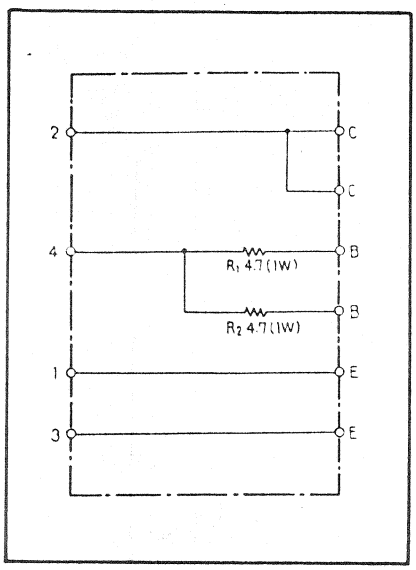
Symbol	Part No.	Description
	AKB-045	4P-pin jack
	AKP-011	DIN connector

Foil side



GWG-115, No.I
GWG-115, No.J
GWG-115, No.D
GWG-115, No.P
GWG-115, No.H
GWG-115, No.G
GWG-115, No.C
GWG-115, No.A

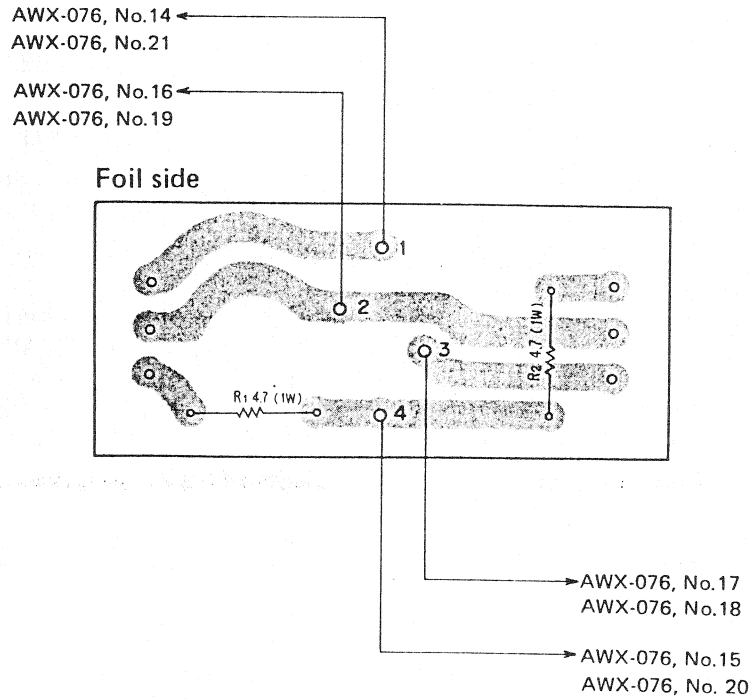
2.9 POWER TRANSISTOR CONNECTOR ASSEMBLY (AWX-130)



Parts List

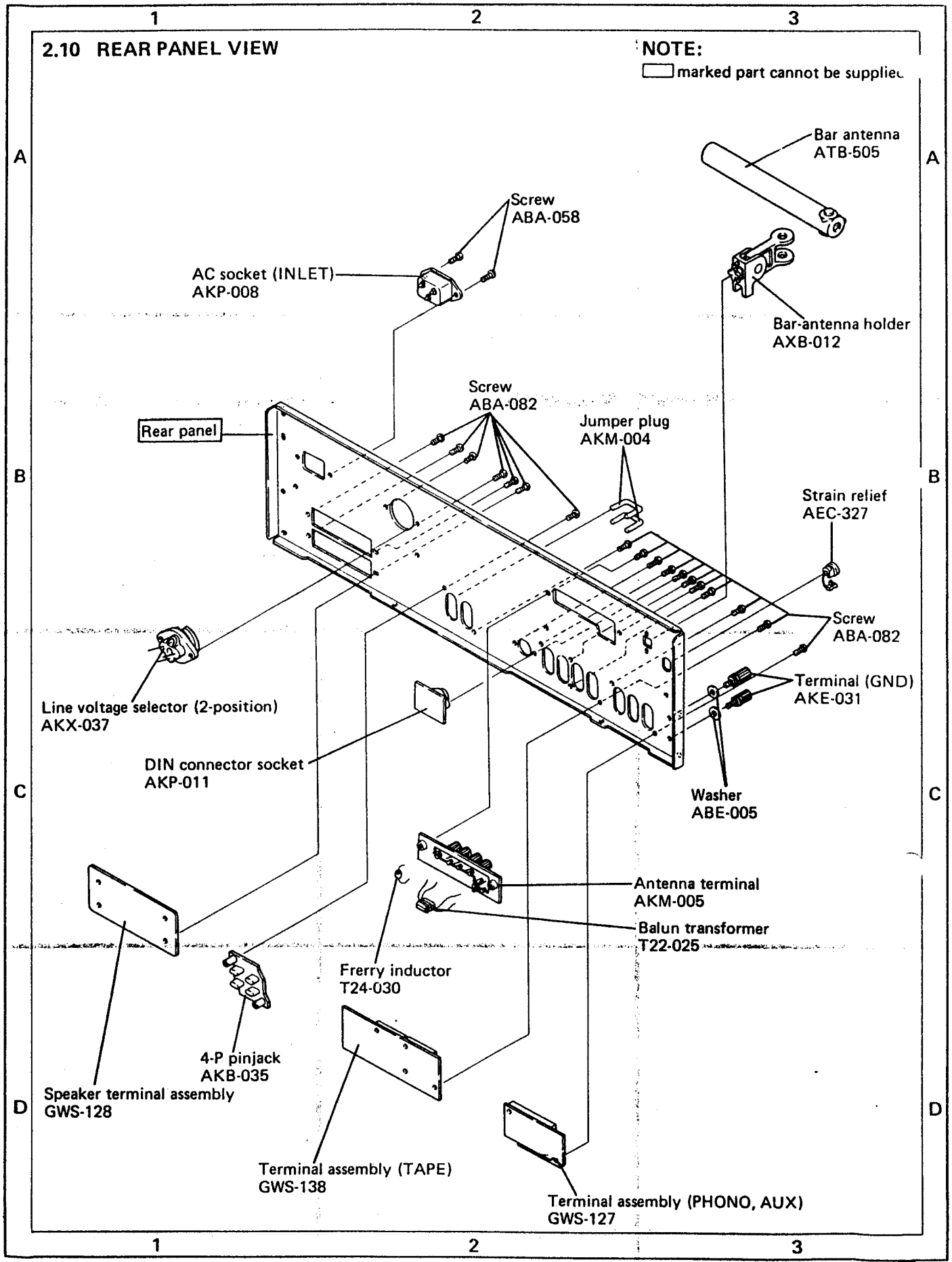
RESISTORS

Symbol	Part No.	Description		
R1	RN1P 4R7J	Metal film	4.7	1W
R2	RN1P 4R7J	Metal film	4.7	1W



2.10 REAR PANEL VIEW

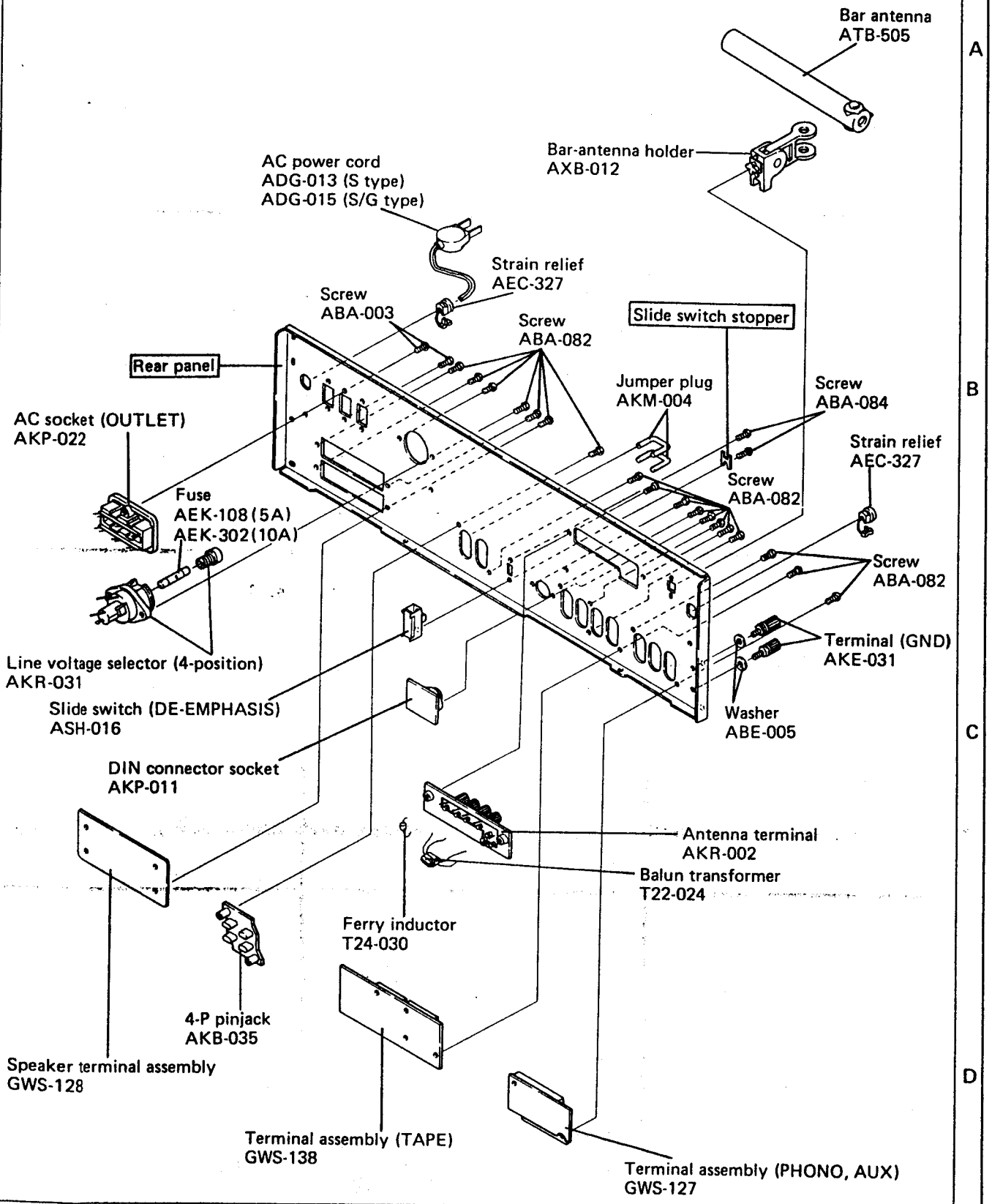
NOTE:
□ marked part cannot be supplied



3. SX-1080/S

NOTE:
□ marked part cannot be supplied.

3.1 REAR PANEL VIEW



3.2 MISCELLANEOUS PARTS LIST

NOTE:
- *Capacitors: in μF unless otherwise noted p:pF*
- *Resistors: in Ω, ¼W unless otherwise noted k:kΩ, M:MΩ*

SWITCHES

Symbol	Part No.	Description
S22	ASA-505	Lever switch (POWER)
S25	AKX-037	Plug in selector (LINE VOLTAGE SELECTOR)
S26	ASH-016	Slide switch (DE-EMPHASIS)

TRANSFORMERS

Symbol	Part No.	Description
T1	T22-025	Balun transformer
T2	ATB-505	Bar antenna
T3	T24-030	Ferry inductor
T4	ATT-465	Power transformer

CAPACITORS

Symbol	Part No.	Description		
C1	CKDBC 104Z 25	Ceramic	0.1	25V
C2	CKDBC 104Z 25	Ceramic	0.1	25V
C3	CKDBC 104Z 25	Ceramic	0.1	25V
C4	CKDBC 104Z 25	Ceramic	0.1	25V
C5	ACG-001	Ceramic	0.01	250V
C6	ACG-001	Ceramic	0.01	250V
C7	ACH-085	Electrolytic	22000	71V
C8	ACH-085	Electrolytic	22000	71V
C9	CEA 010P 80	Electrolytic	1	80V

RESISTORS

Symbol	Part No.	Description		
R2	RS2P 122J	Metal oxide	1.2k	2W
R3	RS2P 122J	Metal oxide	1.2k	2W

LAMPS

Symbol	Part No.	Description
PL1	AEL-069	Pilot lamp with lead wire (FM)
PL2	AEL-067	Pilot lamp with lead wire (AM)
PL3	AEL-067	Pilot lamp with lead wire (AUX)
PL4	AEL-067	Pilot lamp with lead wire (PHONO)
PL5	AEL-069	Pilot lamp with lead wire (STEREO IND.)
PL7	AEL-029	Wedge type pilot lamp (Dial scale)
PL8	AEL-029	Wedge type pilot lamp (Dial scale)
PL9	AEL-029	Wedge type pilot lamp (Dial scale)

SEMICONDUCTORS

Symbol	Part No.	Description
Q1	2SD737/A/-B or C	Transistor
Q2	2SD737/A/-B or C	Transistor
Q3	2SB701/A/-B or C	Transistor
Q4	2SB701/A/-B or C	Transistor
Q5	2SD737/A/-B or C	Transistor
Q6	2SD737/A/-B or C	Transistor
Q7	2SB701/A/-B or C	Transistor
Q8	2SB701/A/-B or C	Transistor

FUSES

Symbol	Part No.	Description
FU1	AEK-108	Fuse 5A
FU2	AEK-104	Fuse 1.5A
FU3	AEK-106	Fuse 1A
FU4	AEK-106	Fuse 1A
FU5	AEK-106	Fuse 1A
FU6	AEK-106	Fuse 1A

OTHERS

Symbol	Part No.	Description
	*AWE-092	Tuner assembly
	*GWS-125	Function and equalizer assembly
	*GWS-127	Input terminal assembly (PHONO, AUX)
	▲GWG-115	Flat amplifier assembly
	▲GWS-138	Input terminal assembly (TAPE)
	*AWG-056	Tone control assembly
	AWT-004	Filter assembly
	*GWS-124	Speaker switch assembly
	*GWS-128	Terminal assembly (SPEAKER)
	*AWH-071	Power amplifier assembly
	AWR-162	Power supply assembly
	*AWM-120	Protection and surge killer assembly
	*AWX-125	Power transistor connector assembly
	AKA-002	Antenna terminal
	AMM-066	Bonnet
	AKP-022	AC socket (OUTLET)

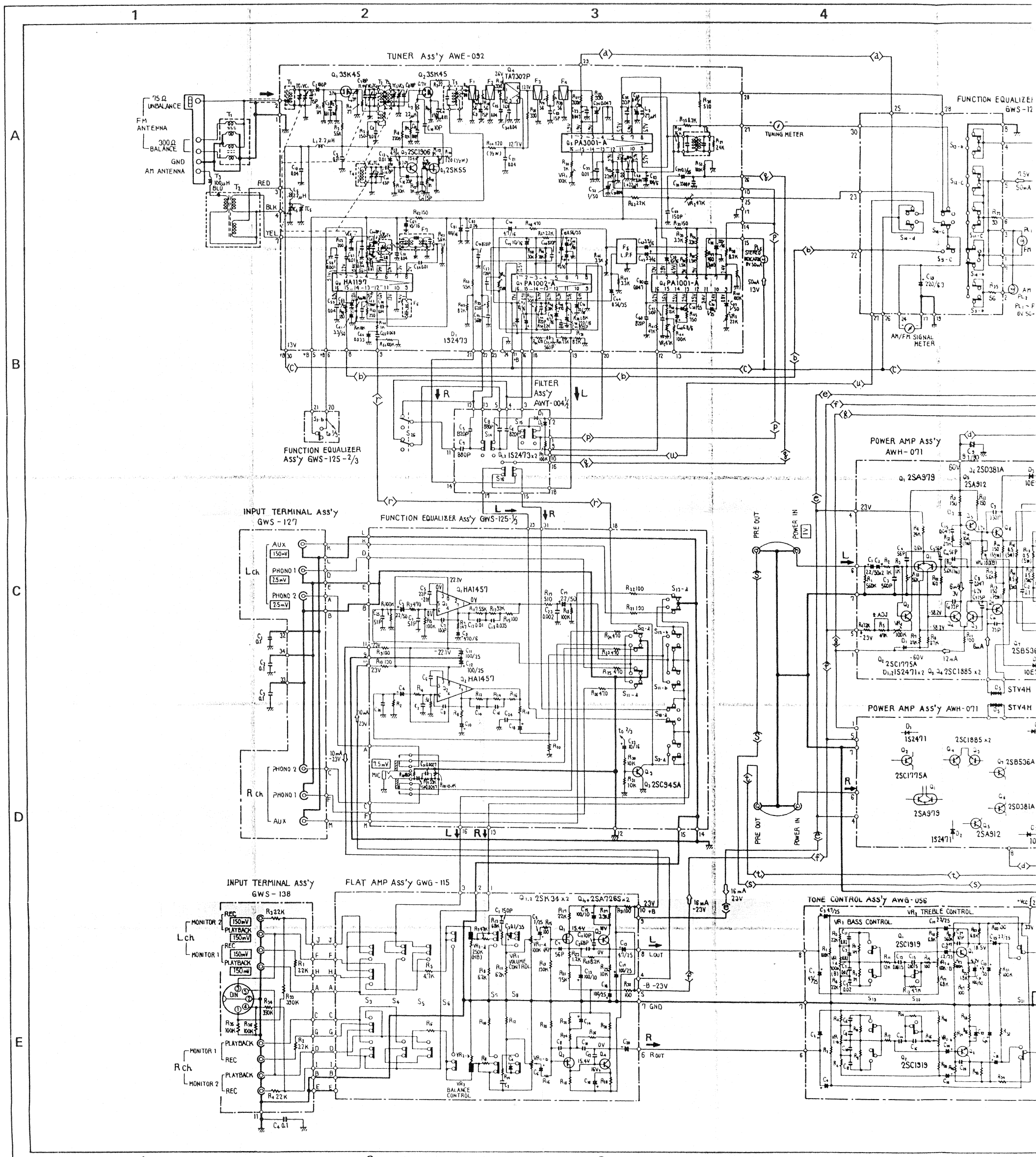
NOTE:
- ** marked assemblies are same as the SX-1080/KU.*
- *▲ marked assemblies are same as the SX-1080/HG.*

List of Changed Parts for Factory Modification

Symbol	Part No.	Description

AM/FM STEREO RECEIVER

SX-1080 S



PIONEER

FUNCTION EQUALIZER Ass'y GWS-125-3/3

POWER SUPPLY Ass'y AWR-162

PROTECTION Ass'y AWM-120-1/2

4-VOLTAGE MODEL MINOR POWER CIRCUIT DIFFERENCES

AWM-120-1/2

LINE VOLTAGE SELECTOR 110V-120V-220V-240V

POWER AMP Ass'y AWH-071

POWER AMP Ass'y AWH-071

POWER TERMINAL CONNECTOR Ass'y AWX-125

SPEAKER SELECTOR/METER Ass'y GWS-124

SPEAKER TERMINAL Ass'y GWS-128

PROTECTION Ass'y AWM-120-2/2

CONTROL Ass'y AWG-056

FILTER Ass'y AWT-004-2/2

SWITCHES

S_1	POWER	OFF — ON
S_2	RELAY	OFF — ON
S_3	TAPE DUPLICATE	OFF — ON
S_4	TAPE MONITOR-1	OFF — ON
S_5	TAPE MONITOR-2	OFF — ON
S_6	MODE	STEREO — MONO
S_7	MUTING	OFF — -20dB
S_8	LOUDNESS	OFF — ON
S_9	AM	OFF — ON
S_{10}	FM	OFF — ON
S_{11}	PHONO 1	OFF — ON
S_{12}	PHONO 2/MIC	OFF — ON
S_{13}	AUX	OFF — ON
S_{14}	FM DE-EMPHASIS	NORMAL — 25μS
S_{15}	FM MUTING	OFF — ON
S_{16}	FM MULTIPATH	OFF — ON
S_{17}	LOW FILTER	OFF — 15Hz
S_{18}	HIGH FILTER	OFF — 6KHz
S_{19}	BASS TURN OVER	400Hz — 200Hz
S_{20}	TREBLE TURN OVER	25KHz — 5KHz
S_{21}	TONE	OFF — ON
S_{22}	SPEAKERS A	OFF — ON
S_{23}	SPEAKERS B	OFF — ON
S_{25}	LINE VOLTAGE SELECTOR	110V-120V-220V-240V
S_{26}	DE-EMPHASIS	75μS — 50μS

RESISTORS;
IN OHM 1/4W ±5% TOLERANCE UNLESS OTHERWISE NOTED K: kΩ M: MΩ

CAPACITORS;
IN μF UNLESS OTHERWISE NOTED P: pF

This is the basic schematic diagram, but the actual circuit may vary due to improvement in desi

V	:	SIGNAL VOLTAGE AT 140W+140W 8Ω OUTPUT
V	:	DC VOLTAGE AT NO INPUT SIGNAL
mA	:	DC CURRENT AT NO INPUT SIGNAL

3.4 POWER SUPPLY ASSEMBLY (AWR-162)

Parts List

CAPACITORS

Symbol	Part No.	Description		
C1	ACG-004	Ceramic	0.01	150V
C2	ACG-004	Ceramic	0.01	150V
C3	ACG-004	Ceramic	0.01	150V
C4	ACG-004	Ceramic	0.01	150V
C5	ACG-004	Ceramic	0.01	150V
C6	ACG-004	Ceramic	0.01	150V
C7	ACG-004	Ceramic	0.01	150V
C8	ACG-004	Ceramic	0.01	150V
C9	CQMA 104K 250	Mylar	0.1	250V
C10	ACG-004	Ceramic	0.01	150V
C11	CEA 221P 100	Electrolytic	220	100V
C12	CEA 221P 100	Electrolytic	220	100V
C13	CEA 221P 35	Electrolytic	220	35V
C15	CEA 221P 80	Electrolytic	220	80V
C16	CEA 221P 80	Electrolytic	220	80V
C17	CEA 470P 16	Electrolytic	47	16V
C18	CEA 470P 16	Electrolytic	47	16V
C19	CEA 4R7P 50	Electrolytic	4.7	50V
C20	CEA 4R7P 50	Electrolytic	4.7	50V
C21	CKDYB 471K 50	Ceramic	470p	50V
C22	CKDYB 471K 50	Ceramic	470p	50V
C23	ACH-060	Electrolytic	2200	35V
C24	CEA 470P 25	Electrolytic	47	25V
C25	CEA 470P 25	Electrolytic	47	25V

RESISTORS

Symbol	Part No.	Description		
R1	RS2P 103J	Metal oxide	10k	2W
R2	RS2P 103J	Metal oxide	10k	2W
R3	RD¼PSF 2R2J	Carbon film	2.2	
R4	RD¼PSF 152J	Carbon film	1.5k	
R5	RD¼PSF 152J	Carbon film	1.5k	
R6	RD¼PSF 152J	Carbon film	1.5k	
R7	RD¼PSF 152J	Carbon film	1.5k	
R8	RD¼PSF 2R2J	Carbon film	2.2	
R9	RS2P 100J	Metal oxide	10	2W
R10	RD¼PS 822J	Carbon film	8.2k	
R11	RS1P 472J	Metal oxide	4.7k	1W
R12	RD¼PS 473J	Carbon film	47k	
R13	RD¼PS 153J	Carbon film	15k	
R14	RD¼PS 153J	Carbon film	15k	
R15	RD¼PS 513J	Carbon film	51k	
R16				
R17				
R18	RD½PS 121J	Carbon film	120	½W
R19	RD¼PS 622J	Carbon film	6.2k	

SEMICONDUCTORS

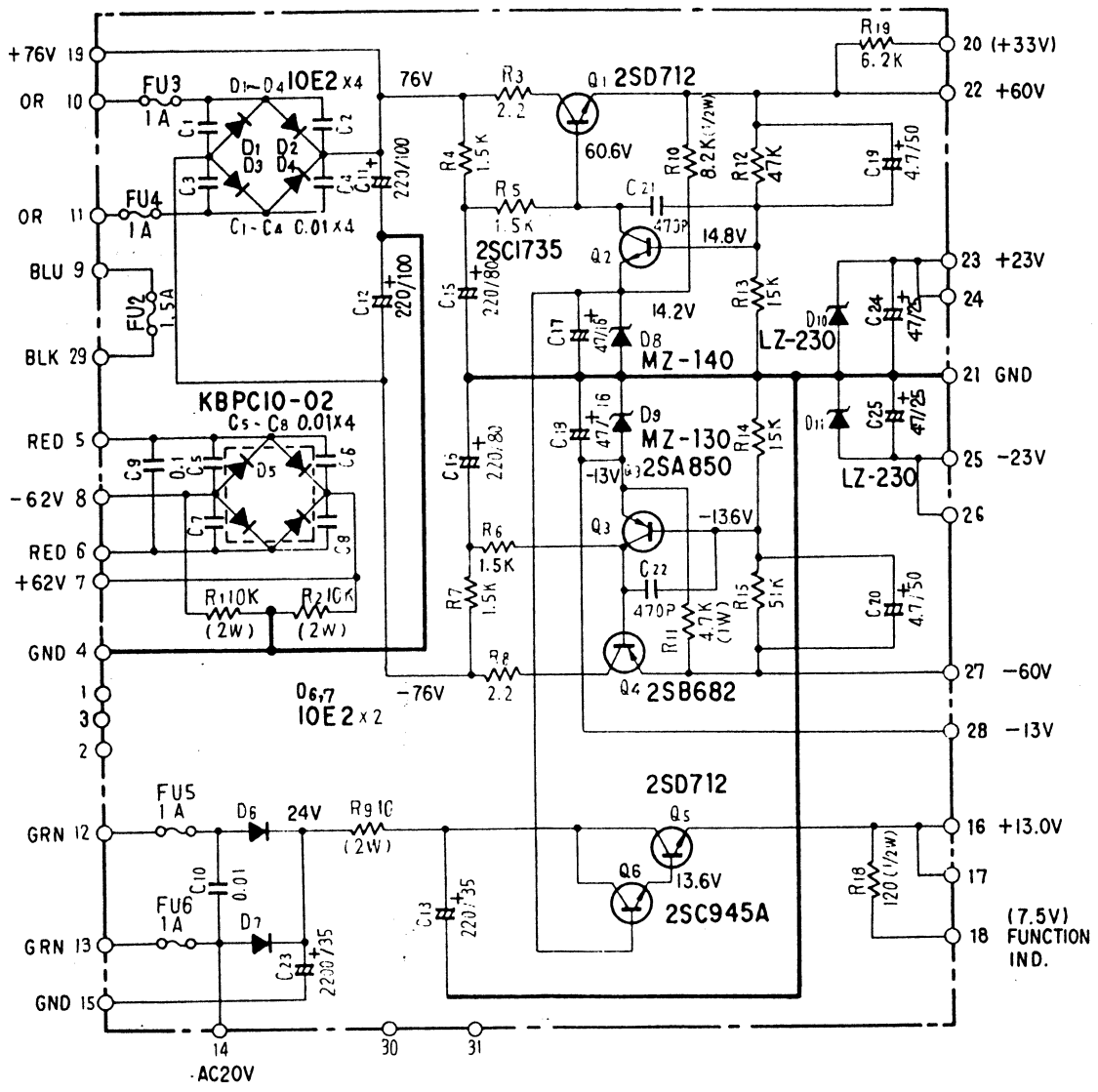
Symbol	Part No.	Description
Q1	2SD712-D or C	Transistor
Q2	2SC1735-D or C (2SC1384-Q or R)	Transistor
Q3	2SA850-D or C (2SA684A-Q or R)	Transistor
Q4	2SB682-D or C	Transistor
Q5	2SD712-D or C	Transistor
Q6	2SC945A-Q or R (2SC1914-F)	Transistor
D1	10E2 or SIB01-02	Diode
D2	10E2 or SIB01-02	Diode
D3	10E2 or SIB01-02	Diode
D5	KBPC10-02 (S15VB21)	Diode
D6	10E2 or SIB01-02	Diode
D7	10E2 or SIB01-02	Diode
D8	MZ-140 or WZ-140	Zener diode
D9	MZ-130 or WZ-130	Zener diode
D10	LZ-230	Zener diode
D11	LZ-230	Zener diode

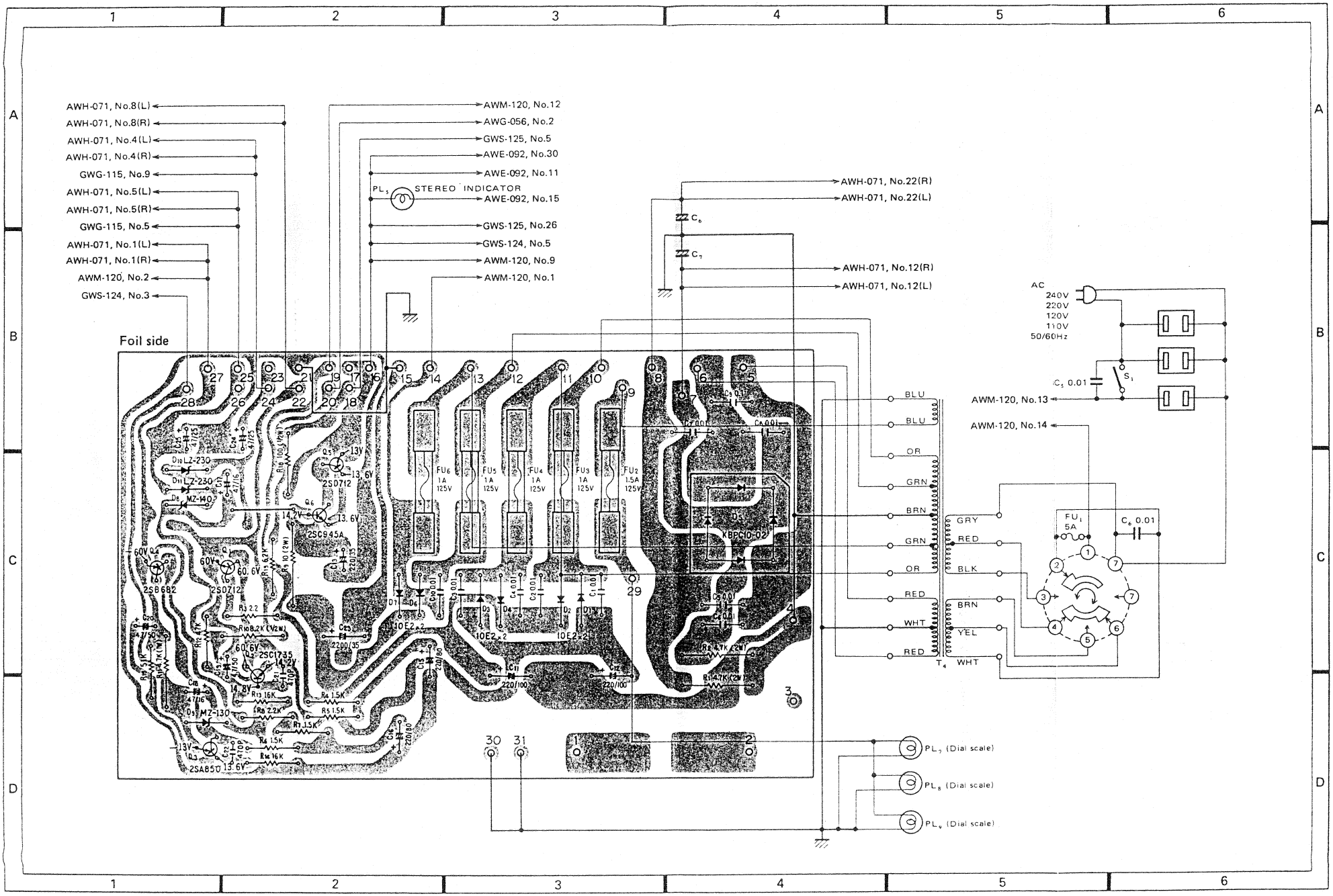
OTHERS

Symbol	Part No.	Description
	ANH-203	Heat sink
	ANH-395	Heat sink
	AKR-013	Fuse holder

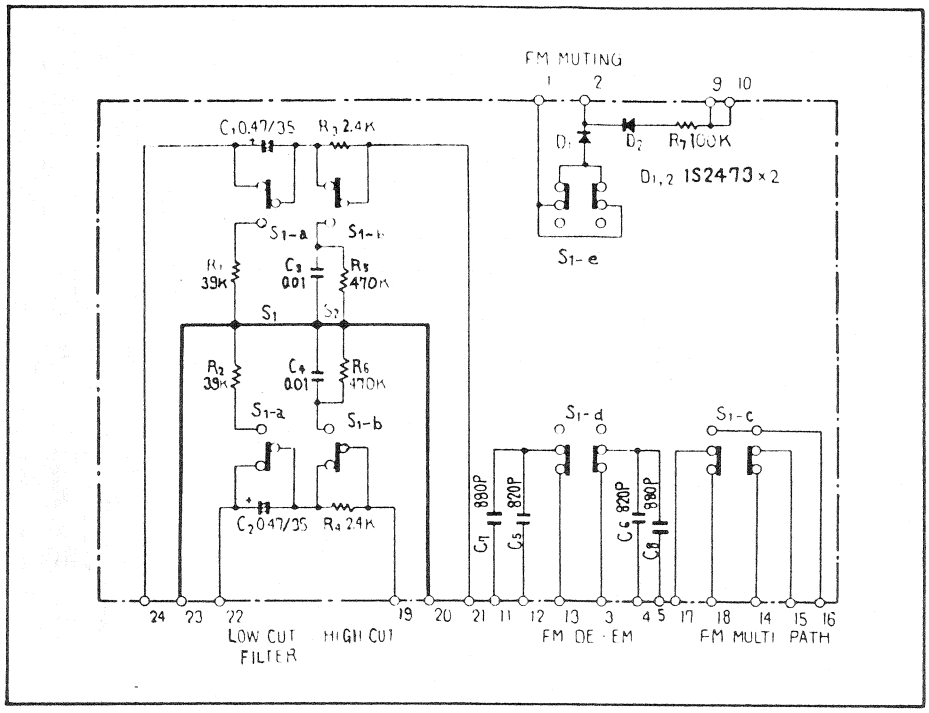
List of Changed Parts for Factory Modification

Symbol	Part No.	Description


+76V 19
OR 10
OR 11
BLU 9
BLK 29
RED 5
-62V 8
RED 6
+62V 7
GND 4
GRN 12
GRN 13
GND 15
FU3 1A
FU4 1A
FU2 1.5A
FU5 1A
FU6 1A
D1~D4 10E2 x4
C1~C4 0.01x4
KBPC10-02
C5~C8 0.01x4
D6,7 10E2 x2
R1 10K (2W)
R2 10K (2W)
76V
-76V
Q1 2SD712
Q2 2SC1735
Q3 2SA850
Q4 2SB682
Q5 2SD712
Q6 2SC945A
60.6V
14.8V
14.2V
-13V
-136V
13.6V
D8 MZ-140
D9 MZ-130
D10 LZ-230
D11 LZ-230
24V
R9 10 (2W)
R19 6.2K
20 (+33V)
22 +60V
23 +23V
24
21 GND
25 -23V
26
27 -60V
28 -13V
16 +13.0V
17
18 (7.5V) FUNCTION IND.
14 AC20V
30
31


AWH-071, No.8(L)
AWH-071, No.8(R)
AWH-071, No.4(L)
AWH-071, No.4(R)
GWG-115, No.9
AWH-071, No.5(L)
AWH-071, No.5(R)
GWG-115, No.5
AWH-071, No.1(L)
AWH-071, No.1(R)
AWM-120, No.2
GWS-124, No.3
AWM-120, No.12
AWG-056, No.2
GWS-125, No.5
AWE-092, No.30
AWE-092, No.11
PL5 STEREO INDICATOR
AWE-092, No.15
GWS-125, No.26
GWS-124, No.5
AWM-120, No.9
AWM-120, No.1
AWH-071, No.22(R)
AWH-071, No.22(L)
AWH-071, No.12(R)
AWH-071, No.12(L)
Foil side
BLU
BLU
OR
GRN
BRN
GRN
OR
RED
WHT
RED
GRY
RED
BLK
BRN
YEL
WHT
AC
240V
220V
120V
110V
50/60Hz
AWM-120, No.13
AWM-120, No.14
PL7 (Dial scale)
PL8 (Dial scale)
PL9 (Dial scale)

3.5 FILTER ASSEMBLY (AWT-004)



Parts List

SWITCH

Symbol	Part No.	Description
S1	ASG-128	Push switch

CAPACITORS

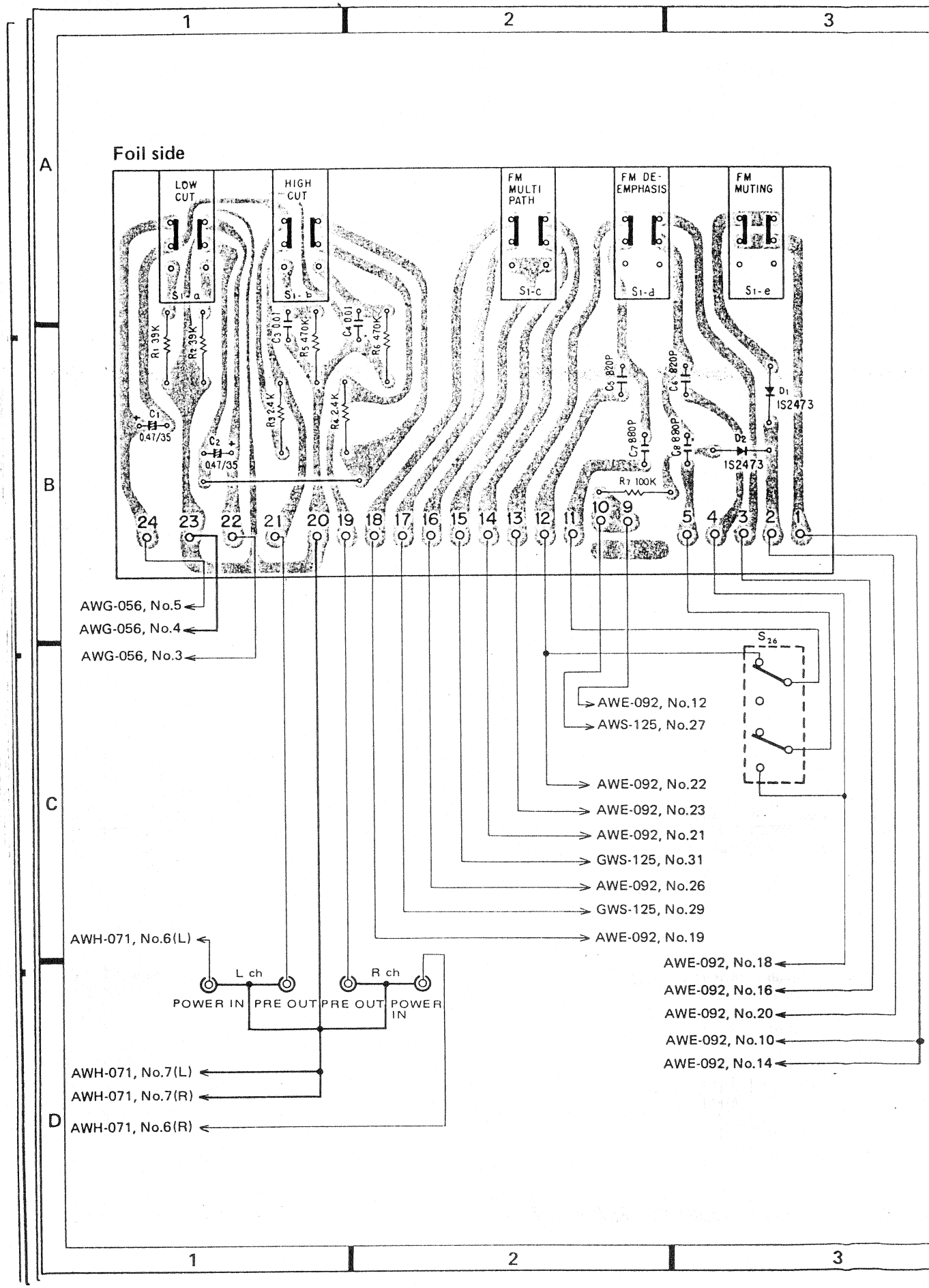
Symbol	Part No.	Description		
C1	CSZA R47M 35	Electrolytic	0.47	35V
C2	CSZA R47M 35	Electrolytic	0.47	35V
C3	CQMA 103K 50	Mylar	0.01	50V
C4	CQMA 103K 50	Mylar	0.01	50V
C5	CQSA 821G 50	Styrol	820p	50V
C6	CQSA 821G 50	Styrol	820p	50V
C7	ACE-019	Styrol	880p	50V
C8	ACE-019	Styrol	880p	50V

RESISTORS

Symbol	Part No.	Description	
R1	RD¼PS 393J	Carbon film	39k
R2	RD¼PS 393J	Carbon film	39k
R3	RD¼PS 242J	Carbon film	2.4k
R4	RD¼PS 242J	Carbon film	2.4k
R5	RD¼PS 474J	Carbon film	470k
R6	RD¼PS 474J	Carbon film	470k
R7	RD¼PS 104J	Carbon film	100k

SEMICONDUCTORS

Symbol	Part No.	Description
D1	1S2473 or 1S1555	Diode
D2	1S2473 or 1S1555	Diode


Foil side
LOW CUT
HIGH CUT
FM MULTI PATH
FM DE-EMPHASIS
FM MUTING
S1-a
S1-b
S1-c
S1-d
S1-e
R1 39K
R2 39K
C1 0.47/35
C2 0.47/35
C3 0.01
R3 2.4K
R5 470K
C4 0.01
R4 2.4K
R6 470K
C5 820P
C6 820P
C7 880P
C8 880P
D1 IS2473
D2 IS2473
R7 100K
24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 5 4 3 2 1
AWG-056, No.5
AWG-056, No.4
AWG-056, No.3
S26
AWE-092, No.12
AWS-125, No.27
AWE-092, No.22
AWE-092, No.23
AWE-092, No.21
GWS-125, No.31
AWE-092, No.26
GWS-125, No.29
AWE-092, No.19
AWE-092, No.18
AWE-092, No.16
AWE-092, No.20
AWE-092, No.10
AWE-092, No.14
AWH-071, No.6(L)
L ch
R ch
POWER IN
PRE OUT
PRE OUT
POWER IN
AWH-071, No.7(L)
AWH-071, No.7(R)
AWH-071, No.6(R)
1
2
3
A
B
C
D

4. SX-1080/KC

Model the SX-1080/KC is the same as the SX-1080/KU with exception the following parts.

TRANSFORMER

Symbol	Description	Part No.		Remarks
		KU type	KC type	
T4	Power transformer	ATT-448	ATT-461	

CAPACITORS

Symbol	Description	Part No.		Remarks
		KU type	KC type	
C5	Ceramic 0.01 250V	ACG-001	.....	
	Ceramic 0.01 125V	.....	ACG-014	
C6	Ceramic 0.01 125V	ACG-003	ACG-014	

ASSEMBLIES

Symbol	Description	Part No.		Remarks
		KU type	KC type	
	Power amplifier assembly	AWH-071	AWH-076	Assembly is the same as the SX-1080/HG, See page 12.
	Power supply assembly	AWR-152	AWR-167	The circuitry is the same as the SX-1080/KU, only different is parts installation method.

OTHERS

Symbol	Description	Part No.		Remarks
		KU type	KC type	
	Capacitor cover	AEC-279 AEC-294	AEC-365	
	Packing case	AHD-505	AHD-525	